

Buffalo Trace and Gateway Area Occupational Outlook to 2010



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BUFFALO TRACE/GATEWAY AREA OCCUPATIONAL OUTLOOK TO 2010

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PREFACE

The Labor Market Information in this publication is based on a large array of labor market statistics collected and developed by the staff of the Research and Statistics (R&S) Branch in the Kentucky Department for Employment Services. The Labor Market Information (LMI) Section within R&S developed the projections and this publication.

The Kentucky Occupational Employment Statistics (OES) survey of Kentucky employers provided the occupational employment data used in the study. This is a statewide survey of approximately 20,000 employers, over a three-year period, representing the various industries in Kentucky. The employment data used to project industries to the year 2010 were based on the Current Employment Statistic (CES) and the Employment and Earnings (ES-202) programs. The projected total growth in each Area Development District (ADD) was based on employment data from 1971 through 2000 developed from the Local Area Unemployment Statistics (LAUS) program. Data from all of the above programs were used to develop the occupational outlook to 2010 publications for each Area Development Districts listed below:

| | |
|-------------------------------|---|
| ADD 1-Purchase Area | ADD 8&9-Buffalo Trace and Gateway Areas |
| ADD 2-Pennyriple Area | ADD 10-FIVCO Area |
| ADD 3-Green River Area | ADD 11-Big Sandy Area |
| ADD 4-Barren River Area | ADD 12-Kentucky River Area |
| ADD 5-Lincoln Trail Area | ADD 13-Cumberland Valley Area |
| ADD 6-Louisville (KIPDA) Area | ADD 14-Lake Cumberland Area |
| ADD 7-Northern Kentucky Area | ADD 15-Bluegrass Area |

The projections and this publication are funded by the U.S. Department of Labor (USDOL), Employment and Training Administration. The national industry and occupational projections developed by the U. S. Department of Labor's Bureau of Labor Statistics were used in the process to project Kentucky's industries and occupations. The Bureau of Labor Statistics and the U.S. Department of Commerce, Bureau of Economic Analysis provided additional statistics necessary in the projection process. The Utah Department of Economic Security developed the personal computer-based model used for the occupational projections. Special thanks go to the Kentucky employers who completed the questionnaires that provided the employment information necessary for this effort.

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INTRODUCTION

Which jobs will be in demand in the Buffalo Trace/Gateway Area from now until the year 2010? Which occupations will provide the most job openings each year through 2010? Which occupations are likely to grow the fastest and which are likely to decline from 2000 to 2010? The *Buffalo Trace/Gateway Area Occupational Outlook to 2010* offers some insight into these often asked questions. Students, job seekers, counselors and others should find this report helpful.

This report contains highlights and a user's guide to occupational statistics that provide answers to frequently asked questions regarding the statistics. Also included are tables of the top 45 Buffalo Trace/Gateway Area occupations with the most annual job openings and the 44 fastest-growing Buffalo Trace/Gateway Area occupations. The Buffalo Trace/Gateway Area Occupational Employment Outlook and Job Openings tables beginning on page 9 provides occupational employment projections for a variety of occupations. This table also presents, for each of these occupations, the number and percentage of expected change in employment and the average number of annual job openings for the period of 2000 to 2010.

While this study provides projections of occupational trends and job openings in the Buffalo Trace/Gateway Area, it should be stressed that the estimates are subject to the limitations that are a part of any effort to determine future conditions. It is impossible to predict what the Buffalo Trace/Gateway Area will look like in 2010. The projections of long-term trends into the future, however, should provide valuable insight into the likely magnitude of occupational growth or decline in the area. The projections have been carefully prepared using accepted methods within a framework of national, state and area assumptions. They will be modified in future publications if long-term changes occur in the area's economic outlook or as more current information becomes available.

The estimates in this report reflect only the demand for labor from 2000 through 2010. The supply, or the number of educated or trained workers available to fill future job openings, is beyond the scope of this report.

With a projected tighter labor market resulting from Kentucky's labor force growing more slowly than employment, along with the structural and technological changes that are taking place in all industries, the development and utilization of our human resources have become a top priority for all those concerned with employment training. Education and training programs that can meet the needs of employers today and in the future will take on even greater importance. To meet this challenge, it is crucial that education and training planners, business, labor, government and job seekers have the necessary occupational information to assist them in making informed, intelligent decisions in the development of these education and training programs as well as individual career choice. This publication was designed to assist users in these tasks.

NOTE: These 2000-2010 projections use the new Standard Occupational Classification (SOC) system, while prior versions of projections used the Occupational Employment Statistics (OES) codes for classifying occupations. Because of this change, the titles and content of major occupational groups and many detailed occupations are substantially different. Several major groups have been renamed, combined, or reorganized. Some individual occupations also have been renamed or classified within different major groups. Some occupations are no longer listed, while newer occupations are listed for the first time with the SOC system. Because of these changes, the 2000-2010 projections are not comparable with earlier sets of projections. Information of the SOC system can be obtained at the U.S. Bureau of Labor Statistics SOC Home Page at <http://www.bls.gov/soc/home.htm>.

HIGHLIGHTS

- ✓ Buffalo Trace/Gateway Area employment is expected to grow from 49,953 to 59,765 between 2000 and 2010, a gain of 19.6 percent.
- ✓ Between 2000 and 2010, the total annual job openings are expected to be about 2,150.
- ✓ Growth in employment will make available about 981 job openings annually.
- ✓ Approximately 1,169 job openings will result from separations from the labor force due to retirement or those who transfer to other jobs.
- ✓ Approximately 46 percent of job openings will result from growth, and the remaining 54 percent will result from separations from the labor force.
- ✓ The greatest number of job openings will be in the Food Preparation and Serving Related Occupations (343), followed by the Production Occupations (266), and the Sales and Related Occupations (242).
- ✓ Particular Occupations with the largest percentage of change from 2000 to 2010 in the Buffalo Trace/Gateway Area are Hotel, Motel, and Resort Desk Clerks (115%), Combined Food Preparation and Serving Workers (112%), Food Service Managers (81%) and Medical and Public Health Social Workers (80%).
- ✓ The largest growth rates between 2000 and 2010 are expected to be in the Food Preparation and Serving Related Occupations (64.9%), the Computer and Mathematical Occupations (43.3%), and the Healthcare Practitioners & Technical Occupations (37.2%).
- ✓ The top two Buffalo Trace/Gateway Area occupations with the most annual job openings are Combined Food Preparation and Serving Workers (213) and Cashiers (111).

A USER'S GUIDE TO OCCUPATIONAL OUTLOOK STATISTICS

When looking at an occupation, what key outlook data should you review?

- 1) Total average annual job openings and
- 2) Employment change expressed as a percentage

The total number of job openings estimates the likely annual demand for workers in each occupation. The percentage of employment change shows how much each occupation is likely to grow or decline.

What creates job openings?

- 1) Employment growth (new jobs)
- 2) Employment separations (job vacancies created by persons separating from an occupation)

What causes employment change?

Industrial growth or decline has the greatest influence on employment change. Industrial growth occurs when the demand for goods and services rises and, in turn, the demand for workers to produce those goods and services rises.

Technological change can raise the demand for some skills while eliminating the need for others. As this shift is going on, demand in the industry as a whole may be rising or falling.

New ways of doing business such as self-service, out-sourcing, or 24-hour operations can affect employment change.

Then what about employment separations?

Employment separations are still important when evaluating an occupation's potential outlook. Job openings are created by persons separating from an occupation because of retirements, promotions into different occupations, career changes, or deaths. In many instances, the number of employment separations exceeds new jobs.

Do workers tend to leave one occupation more than another?

Every occupation has a different rate of employment separations. Those occupations that require much education and training and/or have a high percentage of full-time workers tend to have low separation rates. But occupations that require little education and/or training tend to have higher separation rates.

What factors affect the number of job openings for an occupation?

- 1) The overall size of the occupation: How many workers are employed already?
- 2) The occupation's separation rate: How many job vacancies are created from workers separating from the occupation?
- 3) The occupation's rate of change: How fast is it growing or declining?

Which factor is more important?

Size of employment and separation rate are more important than rate of change in affecting the number of job openings.

What is the best way to compare one occupation with another?

- 1) Look at the total average annual job openings, not just openings resulting from growth. A large number of openings means it should be relatively easy to find a job in that occupation.
- 2) Look at the employment change expressed as a percentage. A high percentage increase in employment means that there may be excellent chances for advancement and for earnings increases because demand is likely to remain strong for some time.

Top 45
Buffalo Trace/Gateway Area Occupations With The Most Annual Job Openings

| | | <u>Job Openings</u> | | | |
|--|-------------|--|---------------|--------------------|--------------|
| | | <u>Average Annual</u> | | | |
| | | <u>2000-2010</u> | | | |
| <u>Occupation</u> | <u>Code</u> | <u>Occupational Title</u> | <u>Growth</u> | <u>Separations</u> | <u>Total</u> |
| <u>Management Occupations</u> | | | | | |
| 11-1021 | | General and Operations Managers | 17 | 13 | 30 |
| 11-9051 | | Food Service Managers | 16 | 2 | 18 |
| 11-9012 | | Farmers and Ranchers | 0 | 15 | 15 |
| <u>Architecture and Engineering Occupations</u> | | | | | |
| 17-2112 | | Industrial Engineers | 9 | 2 | 11 |
| <u>Community & Social Services Occupations</u> | | | | | |
| 21-1021 | | Child, Family, and School Social Workers | 9 | 4 | 13 |
| <u>Education, Training & Library Occupations</u> | | | | | |
| 25-2031 | | Secondary School Teachers, Ex. Special & Voc. Ed. | 5 | 18 | 23 |
| 25-9041 | | Teacher Assistants | 9 | 13 | 22 |
| 25-2021 | | Elementary School Teachers, Except Special Education | 2 | 14 | 16 |
| <u>Arts, Design, Entertainment, Sports & Media Occupations</u> | | | | | |
| 27-2042 | | Musicians and Singers | 9 | 7 | 16 |
| <u>Healthcare Practitioners and Technical Occupations</u> | | | | | |
| 29-1111 | | Registered Nurses | 27 | 13 | 40 |
| <u>Healthcare Support Occupations</u> | | | | | |
| 31-1012 | | Nursing Aides, Orderlies, and Attendants | 14 | 8 | 22 |
| 31-1011 | | Home Health Aides | 12 | 2 | 14 |
| 31-9092 | | Medical Assistants | 7 | 6 | 13 |
| <u>Food Preparation and Serving Workers</u> | | | | | |
| 35-3021 | | Combined Food Prep. & Serving Workers | 138 | 75 | 213 |
| 35-1012 | | Supervisors of Food Preparation and Serving | 17 | 8 | 25 |
| 35-2021 | | Food Preparation Workers | 5 | 7 | 12 |
| <u>Building and Grounds, Cleaning and Maintenance Occupations</u> | | | | | |
| 37-2012 | | Maids and Housekeeping Cleaners | 19 | 12 | 31 |
| 37-2011 | | Janitors and Cleaners, Ex. Maids & Housekeeping | 14 | 15 | 29 |
| <u>Personal Care and Service Occupations</u> | | | | | |
| 39-9011 | | Child Care Workers | 47 | 45 | 92 |
| 39-9021 | | Personal and Home Care Aides | 10 | 2 | 12 |

Top 45
Buffalo Trace/Gateway Area Occupations With The Most Annual Job Openings (cont'd)

| Occupation Code | Occupational Title | Job Openings | | | |
|--|--|-----------------------------|--------|-------------|-------|
| | | Average Annual 2000-2010 | Growth | Separations | Total |
| <u>Sales and Related Occupations</u> | | | | | |
| 41-2011 | Cashiers | 36 | 75 | 111 | |
| 41-2031 | Retail Salespersons | 33 | 44 | 77 | |
| 41-1011 | Supervisors of Retail Sales Workers | 15 | 9 | 24 | |
| <u>Office and Administrative Support Occupations</u> | | | | | |
| 43-5081 | Stock Clerks and Order Fillers | 10 | 13 | 23 | |
| 43-4081 | Hotel, Motel, and Resort Desk Clerks | 12 | 5 | 17 | |
| 43-9061 | Office Clerks, General | 8 | 9 | 17 | |
| 43-3031 | Bookkeeping, Accounting, and Auditing Clerks | 4 | 12 | 16 | |
| 43-1011 | Supervisors of Office and Administrative Support | 6 | 7 | 13 | |
| 43-4171 | Receptionists and Information Clerks | 6 | 7 | 13 | |
| 43-6014 | Secretaries, Except Legal, Medical, and Executive | 0 | 12 | 12 | |
| 43-6011 | Executive Secretaries and Administrative Assistants | 4 | 7 | 11 | |
| <u>Construction and Extraction Occupations</u> | | | | | |
| 47-1011 | Supervisors of Construction Trades and Extraction | 10 | 10 | 20 | |
| 47-2031 | Carpenters | 8 | 6 | 14 | |
| <u>Installation, Maintenance and Repair Occupations</u> | | | | | |
| 49-9042 | Maintenance and Repair Workers, General | 3 | 8 | 11 | |
| <u>Production Occupations</u> | | | | | |
| 51-8031 | Water, Liquid Waste Treatment Plant & System Operators | 16 | 14 | 30 | |
| 51-2092 | Team Assemblers | 17 | 10 | 27 | |
| 51-9198 | Helpers--Production Workers | 10 | 9 | 19 | |
| 51-7042 | Woodworking Machine Setter, Operator & Tender | 7 | 9 | 16 | |
| 51-1011 | Supervisors of Production and Operating | 3 | 10 | 13 | |
| 51-6031 | Sewing Machine Operators | 0 | 11 | 11 | |
| <u>Transportation and Material Moving Occupations</u> | | | | | |
| 53-7062 | Laborers and Freight, Stock, and Material Movers, Hand | 15 | 31 | 46 | |
| 53-7064 | Packers and Packagers, Hand | 17 | 20 | 37 | |
| 53-3032 | Truck Drivers, Heavy and Tractor-Trailer | 19 | 8 | 27 | |
| 53-7051 | Industrial Truck and Tractor Operators | 8 | 5 | 13 | |
| 53-3033 | Truck Drivers, Light or Delivery Services | 6 | 6 | 12 | |

Top 45
Fast-Growing Buffalo Trace/Gateway Area Occupations

| Occupation Code | Occupational Title | Fast Growing Occupations | | | | Total |
|--|---|--------------------------|-------------------|---------------------|--------------|---|
| | | Employment | | Change | | Job Openings Average Annual 2000-2010 |
| | | Actual 2000 | Projected 2010 | 2000-2010 Number | Percent | |
| <u>Management Occupations</u> | | | | | | |
| 11-9051 | Food Service Managers | 198 | 359 | 161 | 81.3 | 18 |
| 11-9031 | Education Admin., Preschool & Child Care | 90 | 142 | 52 | 57.8 | 7 |
| 11-2031 | Public Relations Managers | 38 | 58 | 20 | 52.6 | 3 |
| 11-9111 | Medical and Health Services Managers | 99 | 142 | 43 | 43.4 | 6 |
| 11-3021 | Computer & Information Systems Managers | 42 | 60 | 18 | 42.9 | 3 |
| 11-2022 | Sales Managers | 50 | 65 | 15 | 30.0 | 3 |
| <u>Business and Financial Operations Occupations</u> | | | | | | |
| 13-2011 | Accountants and Auditors | 148 | 193 | 45 | 30.4 | 7 |
| <u>Computer and Mathematical Occupations</u> | | | | | | |
| 15-1041 | Computer Support Specialists | 67 | 106 | 39 | 58.2 | 4 |
| <u>Architecture and Engineering Occupations</u> | | | | | | |
| 17-2112 | Industrial Engineers | 140 | 230 | 90 | 64.3 | 11 |
| <u>Community & Social Services Occupations</u> | | | | | | |
| 21-1022 | Medical and Public Health Social Workers | 35 | 63 | 28 | 80.0 | 3 |
| 21-1093 | Social and Human Service Assistants | 92 | 131 | 39 | 42.4 | 5 |
| <u>Education, Training & Library Occupations</u> | | | | | | |
| 25-2041 | Special Ed. Teachers, Preschool to Elem. | 56 | 76 | 20 | 35.7 | 3 |
| <u>Healthcare Practitioners and Technical Occupations</u> | | | | | | |
| 29-1127 | Speech-Language Pathologists | 32 | 55 | 23 | 71.9 | 3 |
| 29-1126 | Respiratory Therapists | 42 | 65 | 23 | 54.8 | 3 |
| 29-2071 | Medical Records & Health Information Tech. | 46 | 71 | 25 | 54.3 | 4 |
| 29-1051 | Pharmacists | 86 | 128 | 42 | 48.8 | 7 |
| 29-1111 | Registered Nurses | 630 | 898 | 268 | 42.5 | 40 |
| 29-1071 | Physician Assistants | 96 | 128 | 32 | 33.3 | 5 |
| 29-2052 | Pharmacy Technicians | 86 | 112 | 26 | 30.2 | 5 |
| <u>Healthcare Support Occupations</u> | | | | | | |
| 31-1011 | Home Health Aides | 190 | 313 | 123 | 64.7 | 14 |
| 31-9092 | Medical Assistants | 219 | 289 | 70 | 32.0 | 13 |
| 31-9094 | Medical Transcriptionists | 47 | 61 | 14 | 29.8 | 2 |
| <u>Food Preparation and Serving Workers</u> | | | | | | |
| 35-3021 | Combined Food Prep. & Serving Workers | 1,224 | 2,605 | 1,381 | 112.8 | 213 |
| 35-1012 | Supervisors of Food Preparation and Serving | 306 | 478 | 172 | 56.2 | 25 |
| 35-2021 | Food Preparation Workers | 179 | 233 | 54 | 30.2 | 12 |

**Top 45
Fast-Growing Buffalo Trace/Gateway Area Occupations (cont'd)**

| Occupation Code | Occupational Title | Fast Growing Occupations | | | | Total |
|--|---|--------------------------|-------------------|---------------------|----------------------|-----------------------------|
| | | Employment | | Change | | Job Openings |
| | | Actual 2000 | Projected 2010 | 2000-2010 Number | 2000-2010 Percent | Average Annual 2000-2010 |
| <u>Building and Grounds, Cleaning and Maintenance Occupations</u> | | | | | | |
| 37-2012 | Maids and Housekeeping Cleaners | 553 | 742 | 189 | 34.2 | 31 |
| <u>Personal Care and Service Occupations</u> | | | | | | |
| 39-9021 | Personal and Home Care Aides | 135 | 234 | 99 | 73.3 | 12 |
| 39-9011 | Child Care Workers | 1,311 | 1,782 | 471 | 35.9 | 92 |
| 39-9032 | Recreation Workers | 71 | 91 | 20 | 28.2 | 4 |
| <u>Sales and Related Occupations</u> | | | | | | |
| 41-2031 | Retail Salespersons | 1,159 | 1,486 | 327 | 28.2 | 77 |
| <u>Office and Administrative Support Occupations</u> | | | | | | |
| 43-4081 | Hotel, Motel, and Resort Desk Clerks | 107 | 230 | 123 | 115.0 | 17 |
| 43-4111 | Interviewers, Except Eligibility and Loan | 52 | 74 | 22 | 42.3 | 3 |
| 43-5031 | Police, Fire, and Ambulance Dispatchers | 32 | 42 | 10 | 31.3 | 2 |
| 43-4051 | Customer Service Representatives | 249 | 322 | 73 | 29.3 | 9 |
| <u>Installation, Maintenance and Repair Occupations</u> | | | | | | |
| 49-3023 | Automotive Service Technicians & Mechanics | 172 | 227 | 55 | 32.0 | 10 |
| <u>Production Occupations</u> | | | | | | |
| 51-4121 | Welders, Cutters, Solderers, and Brazers | 93 | 143 | 50 | 53.8 | 8 |
| 51-5023 | Printing Machine Operators | 35 | 50 | 15 | 42.9 | 3 |
| 51-8031 | Water, Liquid Waste Treat. Plant, System Ops | 429 | 585 | 156 | 36.4 | 30 |
| 51-2092 | Team Assemblers | 554 | 728 | 174 | 31.4 | 27 |
| 51-4041 | Machinists | 201 | 264 | 63 | 31.3 | 10 |
| 51-7042 | Woodworking Mach. Setter, Operator & Tender | 226 | 296 | 70 | 31.0 | 16 |
| 51-9198 | Helpers--Production Workers | 350 | 452 | 102 | 29.1 | 19 |
| <u>Transportation and Material Moving Occupations</u> | | | | | | |
| 53-3041 | Taxi Drivers and Chauffeurs | 115 | 160 | 45 | 39.1 | 6 |
| 53-1031 | Supervisors of Transportation & Material Moving | 60 | 80 | 20 | 33.3 | 3 |
| 53-3032 | Truck Drivers, Heavy and Tractor-Trailer | 598 | 784 | 186 | 31.1 | 27 |

Explanation of Data Elements on the Occupational Outlook Table

Occupational Employment Outlook and Job Openings

| Occupational | | Employment 2000 2010 | | Job Growth 2000 2010 | | Average Annual Job Openings | | | Average Wage | Education/ Training Required * |
|---|-------|--|-----------|--|---------|--|-------------|-------|---|--|
| Code | Title | Estimated | Projected | Number | Percent | Growth | Separations | Total | 2001 | |
| <p>• Occupational Codes and Titles used in this report are based on the <i>Standard Occupational Coding (SOC)</i> Structure.</p> <p>NOTE:</p> <p><i>Alphabetical listing beginning on page 34 should help locate a specific occupation within the tables.</i></p> | | <p>• Estimated 2000 employment is based on the <i>Occupational Employment Statistics (OES)</i> Survey of employers.</p> <p>• Projected 2010 levels of occupational employment are based on projections of industry employment and projections of occupational change factors between 2000 and 2010.</p> <p>NOTE:</p> <p><i>The Occupational employment estimates for 2000 to 2010 include all classes of workers such as public and private, wage and salaried workers; agricultural workers; private household workers; and self-employed.</i></p> | | <p>• Number - The total number of jobs in an occupation gained or lost over the 2000 to 2010 period.</p> <p>• Percent - Percent change in employment in an occupation over the ten year period.</p> <p>NOTE:</p> <p><i>In Kentucky, 16.0 percent job growth between 2000 and 2010 is the average growth for all occupations.</i></p> <p><i>An occupation is expected to experience:</i></p> <ol style="list-style-type: none"> 1) <i>average growth if percent change is between 12 to 18%;</i> 2) <i>very fast growth if > 30%;</i> 3) <i>fast growth if >18% < 30%;</i> 4) <i>slow growth if >5% <12%;</i> 5) <i>very slow growth if >0% <5%;</i> 6) <i>negative or declining growth <0%.</i> | | <p>• Growth openings provide estimates of the average number of job openings expected to occur each year between 2000 and 2010 that result from employment growth.</p> <p>• Separation openings provide estimates of the average number of job openings expected to occur each year in an occupation, resulting from workers separating or leaving the occupation for such reasons as retirement, promotion, or simply transferring among occupations. Such separations would require replacement workers.</p> <p>• Total openings provide estimates of the total number of job openings expected each year from employment growth or job separations.</p> <p>NOTE:</p> <p><i>If employment growth is negative, the total number of job openings will equal the number of separations. They are equal because the number of separations already takes into account the negative employment growth.</i></p> | | | <p>• Average wage in this report always refers to the 2001 mean average hourly wage.</p> <p>NOTE</p> <p><i>Average hourly wages for each of the teacher occupations in this report were calculated from the average annual wage by assuming the average working months per year was 9.5 and average hours worked per week was 40.</i></p> | <p>• Education and Training Levels Usually Required were developed by the Bureau of Labor Statistics and grouped into eleven levels (1-11).</p> <p>*NOTE</p> <p><i>The various levels are described in detail on page 33 of this report.</i></p> |

Buffalo Trace & Gateway Areas

Management Occupations

Occupational Employment Outlook and Job Openings

| Occupational | | Employment* | | Change | | Job Openings | | | Average Wage 2001 | Educ/ Training Req'd~ |
|--------------|---|-------------------|-------------------|---------------------|----------------------|--|-------|-------|----------------------|-----------------------------|
| Code | Title | 2000 Estimated | 2010 Projected | 2000-2010 Number | 2000-2010 Percent | Average Annual 2000-2010 Growth Separations Total | | | | |
| 00-0000 | Total, All Occupations | 49,953 | 59,765 | 9,812 | 19.6 | 981 | 1,169 | 2,150 | n/a | n/a |
| 11-0000 | Management Occupations | 6,043 | 6,332 | 289 | 4.8 | 29 | 77 | 106 | n/a | n/a |
| 11-1000 | Top Executives | 873 | 1,054 | 181 | 20.7 | 18 | 16 | 34 | n/a | n/a |
| 11-1011 | Chief Executives | 98 | 112 | 14 | 14.3 | 1 | 3 | 4 | 45.08 | 4 |
| 11-1021 | General and Operations Managers | 775 | 942 | 167 | 21.5 | 17 | 13 | 30 | 22.99 | 4 |
| 11-2000 | Advertising, Marketing, Promotions, PR & Sales | 123 | 169 | 46 | 37.4 | 5 | 2 | 7 | n/a | n/a |
| 11-2011 | Advertising and Promotions Managers | * | * | * | * | * | * | * | 15.28 | 4 |
| 11-2020 | Marketing and Sales Managers | 69 | 92 | 23 | 33.3 | 2 | 1 | 3 | n/a | n/a |
| 11-2021 | Marketing Managers | * | * | * | * | * | * | * | 17.99 | 4 |
| 11-2022 | Sales Managers | 50 | 65 | 15 | 30.0 | 2 | 1 | 3 | 35.43 | 4 |
| 11-2031 | Public Relations Managers | 38 | 58 | 20 | 52.6 | 2 | 1 | 3 | 16.83 | 4 |
| 11-3000 | Operations Specialties Managers | 505 | 595 | 90 | 17.8 | 9 | 9 | 18 | n/a | n/a |
| 11-3011 | Administrative Services Managers | 88 | 110 | 22 | 25.0 | 2 | 2 | 4 | 24.46 | 4 |
| 11-3021 | Computer and Information Systems Managers | 42 | 60 | 18 | 42.9 | 2 | 1 | 3 | 23.00 | 4 |
| 11-3031 | Financial Managers | 151 | 181 | 30 | 19.9 | 3 | 2 | 5 | 20.90 | 4 |
| 11-3040 | Human Resources Managers | 47 | 53 | 6 | 12.8 | 1 | 1 | 2 | 23.20 | 4 |
| 11-3051 | Industrial Production Managers | 93 | 100 | 7 | 7.5 | 1 | 2 | 3 | 22.87 | 5 |
| 11-3061 | Purchasing Managers | 45 | 44 | -1 | -2.2 | 0 | 2 | 2 | 22.71 | 4 |
| 11-3071 | Transportation, Storage & Distribution Managers | 39 | 47 | 8 | 20.5 | 1 | 1 | 2 | 21.42 | 8 |
| 11-9000 | Other Management Occupations | 4,542 | 4,514 | -28 | -0.6 | 0 | 50 | 50 | n/a | n/a |
| 11-9010 | Agricultural Managers | 2,561 | 2,099 | -462 | -18.0 | 0 | 15 | 15 | n/a | n/a |
| 11-9012 | Farmers and Ranchers | 2,548 | 2,086 | -462 | -18.1 | 0 | 15 | 15 | n/a | 9 |
| 11-9021 | Construction Managers | 134 | 168 | 34 | 25.4 | 3 | 2 | 5 | 16.10 | 5 |
| 11-9030 | Education Administrators | 214 | 272 | 58 | 27.1 | 6 | 6 | 12 | n/a | 4 |
| 11-9031 | Education Admin., Preschool, Child Care Center | 90 | 142 | 52 | 57.8 | 5 | 2 | 7 | 14.55 | 4 |
| 11-9032 | Education Admin., Elementary & Secondary | 80 | 83 | 3 | 3.8 | 0 | 2 | 2 | n/a | 4 |
| 11-9041 | Engineering Managers | 39 | 40 | 1 | 2.6 | 0 | 1 | 1 | 30.12 | 4 |
| 11-9051 | Food Service Managers | 198 | 359 | 161 | 81.3 | 16 | 2 | 18 | 10.53 | 8 |
| 11-9081 | Lodging Managers | * | * | * | * | * | * | * | 18.50 | 8 |
| 11-9111 | Medical and Health Services Managers | 99 | 142 | 43 | 43.4 | 4 | 2 | 6 | 24.52 | 4 |
| 11-9131 | Postmasters and Mail Superintendents | 56 | 51 | -5 | -8.9 | 0 | 1 | 1 | 19.80 | 8 |
| 11-9151 | Social and Community Service Managers | 62 | 70 | 8 | 12.9 | 1 | 1 | 2 | 17.08 | 5 |
| 11-9199 | Managers, All Other | 1,092 | 1,209 | 117 | 10.7 | 12 | 19 | 31 | 23.95 | 8 |

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

Buffalo Trace & Gateway Areas

Business & Financial Operations Occs.

Occupational Employment Outlook and Job Openings

| Occupational | | Employment* | | Change | | Job Openings | | | Average Wage 2001 | Educ/ Training Req'd~ |
|--------------|---|-------------------|-------------------|---------------------|----------------------|--|----|----|----------------------|-----------------------------|
| Code | Title | 2000 Estimated | 2010 Projected | 2000-2010 Number | 2000-2010 Percent | Average Annual 2000-2010 Growth Separations Total | | | | |
| 13-0000 | Business and Financial Operations Occupations | 666 | 812 | 146 | 21.9 | 15 | 13 | 28 | n/a | n/a |
| 13-1000 | Business Operations Specialists | 342 | 410 | 68 | 19.9 | 7 | 8 | 15 | n/a | n/a |
| 13-1020 | Buyers and Purchasing Agents | 47 | 59 | 12 | 25.5 | 1 | 1 | 2 | n/a | n/a |
| 13-1023 | Purchasing Agents, Ex. Wholesale, Retail & Farm | 46 | 58 | 12 | 26.1 | 1 | 1 | 2 | 19.26 | 5 |
| 13-1041 | Compliance Officer, Ex. Ag., Construction, Health | 53 | 63 | 10 | 18.9 | 1 | 1 | 2 | 15.82 | 9 |
| 13-1051 | Cost Estimators | 41 | 49 | 8 | 19.5 | 1 | 1 | 2 | 25.94 | 5 |
| 13-1070 | Human Res., Training & Labor Relations Spec. | 82 | 100 | 18 | 22.0 | 2 | 2 | 4 | n/a | n/a |
| 13-1072 | Compensation, Benefits & Job Analysis Spec. | * | * | * | * | * | * | * | 15.55 | 5 |
| 13-1073 | Training and Development Specialists | * | * | * | * | * | * | * | 16.52 | 5 |
| 13-1199 | Business Operations Specialists, All Other | 76 | 85 | 9 | 11.8 | 1 | 2 | 3 | 15.69 | 5 |
| 13-2000 | Financial Specialists | 324 | 402 | 78 | 24.1 | 8 | 6 | 14 | n/a | n/a |
| 13-2011 | Accountants and Auditors | 148 | 193 | 45 | 30.4 | 5 | 2 | 7 | 21.16 | 5 |
| 13-2072 | Loan Officers | 125 | 146 | 21 | 16.8 | 2 | 3 | 5 | 17.05 | 5 |

~ Education/Training Required Codes- Page 33 n/a - Not Available * Employment under 30 and unreliable data suppressed
Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

Buffalo Trace & Gateway Areas

Computer & Mathematical Occupations

Occupational Employment Outlook and Job Openings

| Occupational | | Employment* | | Change | | Job Openings | | | Average Wage 2001 | Educ/ Training Req'd~ |
|--|---|-------------------|-------------------|---------------------|----------------------|--------------------------|--------------------------|--------------------|-------------------------|-----------------------------|
| Code | Title | 2000 Estimated | 2010 Projected | 2000-2010 Number | 2000-2010 Percent | Average Annual Growth | 2000-2010 Separations | 2000-2010 Total | | |
| 15-0000 Computer and Mathematical Occupations | | 164 | 235 | 71 | 43.3 | 7 | 1 | 8 | n/a | n/a |
| 15-1000 | Computer Specialists | 164 | 235 | 71 | 43.3 | 7 | 1 | 8 | n/a | n/a |
| 15-1041 | Computer Support Specialists | 67 | 106 | 39 | 58.2 | 4 | 0 | 4 | 12.40 | 6 |
| 15-1071 | Network and Computer Systems Administrators | * | * | * | * | * | * | * | 19.53 | 5 |

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

Buffalo Trace & Gateway Areas

Architecture & Engineering Occupations

Occupational Employment Outlook and Job Openings

| Occupational | | Employment* | | Change | | Job Openings | | | Average Wage 2001 | Educ/ Training Req'd~ |
|----------------|---|-------------------|-------------------|---------------------|----------------------|------------------------------------|---|-----------------------------------|-------------------|-----------------------|
| Code | Title | 2000 Estimated | 2010 Projected | 2000-2010 Number | 2000-2010 Percent | Average Annual 2000-2010 Growth | Average Annual 2000-2010 Separations | Average Annual 2000-2010 Total | | |
| 17-0000 | Architecture and Engineering Occupations | 473 | 620 | 147 | 31.1 | 15 | 10 | 25 | n/a | n/a |
| 17-1000 | Architects, Surveyors, and Cartographers | * | * | * | * | * | * | * | n/a | n/a |
| 17-2000 | Engineers | 312 | 450 | 138 | 44.2 | 14 | 6 | 20 | n/a | n/a |
| 17-2021 | Agricultural Engineers | * | * | * | * | * | * | * | 24.05 | 5 |
| 17-2051 | Civil Engineers | * | * | * | * | * | * | * | 24.16 | 5 |
| 17-2070 | Electrical and Electronics Engineers | * | * | * | * | * | * | * | n/a | n/a |
| 17-2071 | Electrical Engineers | * | * | * | * | * | * | * | 29.56 | 5 |
| 17-2110 | Industrial Engineers, Including Health and Safety | 167 | 287 | 120 | 71.9 | 12 | 3 | 15 | n/a | n/a |
| 17-2111 | Health and Safety Engineers, Ex. Mining Safety | * | * | * | * | * | * | * | 26.38 | 5 |
| 17-2112 | Industrial Engineers | 140 | 230 | 90 | 64.3 | 9 | 2 | 11 | 27.27 | 5 |
| 17-2131 | Materials Engineers | * | * | * | * | * | * | * | 28.64 | 5 |
| 17-2141 | Mechanical Engineers | 47 | 47 | 0 | 0.0 | 0 | 1 | 1 | 26.00 | 5 |
| 17-3000 | Drafters, Engineering, and Mapping Technicians | 152 | 160 | 8 | 5.3 | 1 | 3 | 4 | n/a | n/a |
| 17-3020 | Engineering Technicians, Except Drafters | 95 | 89 | -6 | -6.3 | 0 | 2 | 2 | n/a | n/a |
| 17-3026 | Industrial Engineering Technicians | * | * | * | * | * | * | * | 17.16 | 6 |
| 17-3031 | Surveying and Mapping Technicians | * | * | * | * | * | * | * | 12.06 | 10 |
| 17-3099 | Drafters, Engineering & Mapping Tech., All Other | 31 | 41 | 10 | 32.3 | 1 | 1 | 2 | 10.74 | 6 |

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

Buffalo Trace & Gateway Areas

Life, Physical & Social Science Occs.

Occupational Employment Outlook and Job Openings

| Occupational | | Employment* | | Change | | Job Openings | | | Average Wage 2001 | Educ/ Training Req'd~ |
|--------------|---|-------------------|-------------------|---------------------|----------------------|--------------------------|-------------|-------|----------------------|-----------------------------|
| Code | Title | 2000 Estimated | 2010 Projected | 2000-2010 Number | 2000-2010 Percent | Average Annual 2000-2010 | | | | |
| | | | | | | Growth | Separations | Total | | |
| 19-0000 | Life, Physical, and Social Science Occupations | 140 | 154 | 14 | 10.0 | 1 | 4 | 5 | n/a | n/a |
| 19-1000 | Life Scientists | 42 | 41 | -1 | -2.4 | 0 | 1 | 1 | n/a | n/a |
| 19-1010 | Agricultural and Food Scientists | * | * | * | * | * | * | * | 26.15 | 5 |
| 19-1020 | Biological Scientists | * | * | * | * | * | * | * | n/a | n/a |
| 19-1023 | Zoologists and Wildlife Biologists | * | * | * | * | * | * | * | 24.05 | 2 |
| 19-1030 | Conservation Scientists and Foresters | * | * | * | * | * | * | * | n/a | n/a |
| 19-1031 | Conservation Scientists | * | * | * | * | * | * | * | 27.18 | 5 |
| 19-1032 | Foresters | * | * | * | * | * | * | * | 24.05 | 5 |
| 19-2000 | Physical Scientists | * | * | * | * | * | * | * | n/a | n/a |
| 19-3000 | Social Scientists and Related Workers | 43 | 56 | 13 | 30.2 | 1 | 1 | 2 | n/a | n/a |
| 19-3030 | Psychologists | * | * | * | * | * | * | * | n/a | n/a |
| 19-3031 | Clinical, Counseling, and School Psychologists | * | * | * | * | * | * | * | 15.08 | 3 |
| 19-3032 | Industrial-Organizational Psychologists | * | * | * | * | * | * | * | n/a | n/a |
| 19-3091 | Anthropologists and Archeologists | * | * | * | * | * | * | * | 19.06 | n/a |
| 19-4000 | Life, Physical, and Social Science Technicians | 49 | 49 | 0 | 0.0 | 0 | 2 | 2 | n/a | n/a |
| 19-4011 | Agricultural and Food Science Technicians | * | * | * | * | * | * | * | n/a | 6 |
| 19-4090 | Misc. Life, Physical & Social Science Technicians | 36 | 36 | 0 | 0.0 | 0 | 1 | 1 | n/a | n/a |
| 19-4093 | Forest and Conservation Technicians | * | * | * | * | * | * | * | 15.18 | 6 |

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

Buffalo Trace & Gateway Areas

Community & Social Services Occs.

Occupational Employment Outlook and Job Openings

| Occupational | | Employment* | | Change 2000-2010 | | Job Openings Average Annual 2000-2010 | | | Average Wage 2001 | Educ/ Training Req'd~ |
|----------------|--|--------------|--------------|---------------------|-------------|--|-------------|-----------|-------------------------|-----------------------------|
| Code | Title | Estimated | Projected | Number | Percent | Growth | Separations | Total | | |
| 21-0000 | Community and Social Services Occupations | 1,098 | 1,350 | 252 | 23.0 | 25 | 20 | 45 | n/a | n/a |
| 21-1000 | Counselor, Social Worker & Other Community | 729 | 925 | 196 | 26.9 | 20 | 10 | 30 | n/a | n/a |
| 21-1010 | Counselors | 170 | 203 | 33 | 19.4 | 3 | 3 | 6 | n/a | n/a |
| 21-1012 | Educational, Vocational, and School Counselors | 76 | 88 | 12 | 15.8 | 1 | 2 | 3 | 19.41 | 3 |
| 21-1020 | Social Workers | 429 | 545 | 116 | 27.0 | 12 | 5 | 17 | n/a | n/a |
| 21-1021 | Child, Family, and School Social Workers | 393 | 480 | 87 | 22.1 | 9 | 4 | 13 | 9.91 | 5 |
| 21-1022 | Medical and Public Health Social Workers | 35 | 63 | 28 | 80.0 | 3 | 0 | 3 | 12.99 | 5 |
| 21-1090 | Misc. Community & Social Service Specialists | 130 | 177 | 47 | 36.2 | 5 | 2 | 7 | n/a | n/a |
| 21-1093 | Social and Human Service Assistants | 92 | 131 | 39 | 42.4 | 4 | 1 | 5 | 8.77 | 10 |
| 21-2000 | Religious Workers | 343 | 392 | 49 | 14.3 | 5 | 9 | 14 | n/a | n/a |
| 21-9000 | Misc. Counselors, Social, & Religious Workers | * | * | * | * | * | * | * | n/a | n/a |

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

Buffalo Trace & Gateway Areas

Legal Occupations

Occupational Employment Outlook and Job Openings

| Occupational | | Employment* | | Change | | Job Openings | | | Average Wage 2001 | Educ/ Training Req'd~ |
|----------------|--|-------------------|-------------------|---------------------|----------------------|--------------------------|--------------------------|--------------------|-------------------------|-----------------------------|
| Code | Title | 2000 Estimated | 2010 Projected | 2000-2010 Number | 2000-2010 Percent | Average Annual Growth | 2000-2010 Separations | 2000-2010 Total | | |
| 23-0000 | Legal Occupations | 140 | 178 | 38 | 27.1 | 4 | 1 | 5 | n/a | n/a |
| 23-1000 | Lawyers, Judges, and Related Workers | 110 | 136 | 26 | 23.6 | 3 | 1 | 4 | n/a | n/a |
| 23-1020 | Judges, Magistrates, and Other Judicial Workers | * | * | * | * | * | * | * | n/a | n/a |
| 23-1021 | Admin. Law Judge, Adjudicator & Hearing Officer | * | * | * | * | * | * | * | 27.44 | 4 |
| 23-2000 | Legal Support Workers | * | * | * | * | * | * | * | n/a | n/a |
| 23-2090 | Miscellaneous Legal Support Workers | * | * | * | * | * | * | * | n/a | n/a |
| 23-9000 | Miscellaneous Legal & Related Workers | * | * | * | * | * | * | * | n/a | n/a |
| 23-9099 | Legal and Related Workers, All Other | * | * | * | * | * | * | * | 10.47 | 5 |

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

Buffalo Trace & Gateway Areas

Education, Training & Library Occs.

Occupational Employment Outlook and Job Openings

| Occupational | | Employment* | | Change | | Job Openings | | | Average Wage 2001 | Educ/ Training Req'd~ |
|---|--|-------------------|-------------------|---------------------|----------------------|------------------------------------|-------------|------------|-------------------|-----------------------|
| Code | Title | 2000 Estimated | 2010 Projected | 2000-2010 Number | 2000-2010 Percent | Average Annual 2000-2010 Growth | Separations | Total | | |
| 25-0000 Education, Training, and Library Occupations | | 3,780 | 4,173 | 393 | 10.4 | 39 | 87 | 126 | n/a | n/a |
| 25-1000 | Postsecondary Teachers | 778 | 916 | 138 | 17.7 | 14 | 21 | 35 | n/a | n/a |
| 25-2000 | Primary, Secondary & Special Ed. Teachers | 1,921 | 2,042 | 121 | 6.3 | 12 | 45 | 57 | n/a | n/a |
| 25-2010 | Preschool and Kindergarten Teachers | 161 | 173 | 12 | 7.5 | 1 | 2 | 3 | n/a | n/a |
| 25-2011 | Preschool Teachers, Except Special Education | 100 | 110 | 10 | 10.0 | 1 | 1 | 2 | 11.08 | 5 |
| 25-2012 | Kindergarten Teachers, Ex. Special Education # | 61 | 63 | 2 | 3.3 | 0 | 1 | 1 | 22.43 | 5 |
| 25-2020 | Elementary and Middle School Teachers | 1,033 | 1,059 | 26 | 2.5 | 3 | 24 | 27 | n/a | n/a |
| 25-2021 | Elementary School Teachers, Ex. Special Ed. # | 608 | 631 | 23 | 3.8 | 2 | 14 | 16 | 24.63 | 5 |
| 25-2022 | Middle School Teachers, Ex. Special & Voc. Ed. # | 425 | 428 | 3 | 0.7 | 0 | 10 | 10 | 25.01 | 5 |
| 25-2030 | Secondary School Teachers | 596 | 649 | 53 | 8.9 | 5 | 18 | 23 | n/a | n/a |
| 25-2031 | Sec. School Teacher, Ex. Special & Voc. Ed # | 574 | 626 | 52 | 9.1 | 5 | 18 | 23 | 25.16 | 5 |
| 25-2032 | Vocational Ed. Teachers, Secondary School # | * | * | * | * | * | * | * | 26.33 | 5 |
| 25-2040 | Special Education Teachers | 131 | 161 | 30 | 22.9 | 3 | 2 | 5 | n/a | n/a |
| 25-2041 | Special Ed. Teachers, Preschool to Elementary # | 56 | 76 | 20 | 35.7 | 2 | 1 | 3 | 22.52 | 5 |
| 25-2042 | Special Education Teachers, Middle School # | * | * | * | * | * | * | * | 22.54 | 5 |
| 25-2043 | Special Education Teachers, Secondary School # | 48 | 54 | 6 | 12.5 | 1 | 1 | 2 | 25.80 | 5 |
| 25-3000 | Other Teachers and Instructors | 244 | 273 | 29 | 11.9 | 3 | 3 | 6 | n/a | n/a |
| 25-3999 | Teachers, Primary, Secondary & Adult, All Other # | 220 | 246 | 26 | 11.8 | 3 | 2 | 5 | 14.70 | 5 |
| 25-4000 | Librarians, Curators, and Archivists | 125 | 134 | 9 | 7.2 | 1 | 4 | 5 | n/a | n/a |
| 25-4021 | Librarians | 62 | 60 | -2 | -3.2 | 0 | 1 | 1 | 20.14 | 3 |
| 25-4031 | Library Technicians | 51 | 59 | 8 | 15.7 | 1 | 2 | 3 | 10.51 | 11 |
| 25-9000 | Other Education, Training Library Occupations | 712 | 808 | 96 | 13.5 | 10 | 14 | 24 | n/a | n/a |
| 25-9031 | Instructional Coordinators | 48 | 56 | 8 | 16.7 | 1 | 1 | 2 | 19.21 | 3 |
| 25-9041 | Teacher Assistants # | 641 | 728 | 87 | 13.6 | 9 | 13 | 22 | 10.87 | 11 |
| 25-9199 | Library, Museum, Training, Ed. Work, All Other | * | * | * | * | * | * | * | 13.62 | 5 |

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

Average hourly wages for teacher occupations were calculated by assuming the average working months per year was 9.5 and hours worked per week was 40.

Buffalo Trace & Gateway Areas

Arts, Design, Entertainment, Sports & Media Occs.

Occupational Employment Outlook and Job Openings

| Occupational | | Employment* | | Change | | Job Openings | | | Average Wage 2001 | Educ/ Training Req'd~ |
|----------------|--|-------------------|-------------------|---------------------|----------------------|--------------------------|-------------|-----------|----------------------|-----------------------------|
| Code | Title | 2000 Estimated | 2010 Projected | 2000-2010 Number | 2000-2010 Percent | Average Annual 2000-2010 | | | | |
| | | | | | | Growth | Separations | Total | | |
| 27-0000 | Arts, Design, Entertain., Sports & Media Occs | 864 | 1,063 | 199 | 23.0 | 20 | 16 | 36 | n/a | n/a |
| 27-1000 | Art and Design Workers | 133 | 169 | 36 | 27.1 | 4 | 1 | 5 | n/a | n/a |
| 27-1020 | Designers | 119 | 154 | 35 | 29.4 | 4 | 1 | 5 | n/a | n/a |
| 27-2000 | Entertain., Performers, Sports & Related Worker | 562 | 708 | 146 | 26.0 | 15 | 11 | 26 | n/a | n/a |
| 27-2040 | Musicians, Singers, and Related Workers | 445 | 556 | 111 | 24.9 | 11 | 8 | 19 | n/a | n/a |
| 27-2042 | Musicians and Singers | 376 | 470 | 94 | 25.0 | 9 | 7 | 16 | n/a | 9 |
| 27-3000 | Media and Communication Workers | 148 | 164 | 16 | 10.8 | 2 | 4 | 6 | n/a | n/a |
| 27-3020 | News Analysts, Reporters and Correspondents | * | * | * | * | * | * | * | 9.32 | 9 |
| 27-3031 | Public Relations Specialists | 51 | 55 | 4 | 7.8 | 0 | 1 | 1 | 17.73 | 5 |
| 27-3040 | Writers and Editors | 52 | 63 | 11 | 21.2 | 1 | 2 | 3 | n/a | n/a |
| 27-3041 | Editors | * | * | * | * | * | * | * | 12.22 | 5 |
| 27-4000 | Media and Communication Equipment Workers | * | * | * | * | * | * | * | n/a | n/a |
| 27-4021 | Photographers | * | * | * | * | * | * | * | 10.09 | 9 |

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

Buffalo Trace & Gateway Areas

Healthcare Practitioners & Technical Occs.

Occupational Employment Outlook and Job Openings

| Occupational | | Employment* | | Change | | Job Openings | | | Average Wage 2001 | Educ/ Training Req'd~ |
|----------------|---|-------------------|-------------------|---------------------|----------------------|------------------------------------|---|-----------------------------------|-------------------|-----------------------|
| Code | Title | 2000 Estimated | 2010 Projected | 2000-2010 Number | 2000-2010 Percent | Average Annual 2000-2010 Growth | Average Annual 2000-2010 Separations | Average Annual 2000-2010 Total | | |
| 29-0000 | Healthcare Practitioners & Technical Occs | 1,706 | 2,341 | 635 | 37.2 | 64 | 38 | 102 | n/a | n/a |
| 29-1000 | Health Diagnosing and Treating Practitioners | 1,009 | 1,441 | 432 | 42.8 | 43 | 22 | 65 | n/a | n/a |
| 29-1031 | Dietitians and Nutritionists | * | * | * | * | * | * | * | 18.96 | 5 |
| 29-1051 | Pharmacists | 86 | 128 | 42 | 48.8 | 4 | 3 | 7 | 34.22 | 1 |
| 29-1060 | Physicians and Surgeons | 39 | 44 | 5 | 12.8 | 1 | 0 | 1 | n/a | 1 |
| 29-1063 | Internists, General | * | * | * | * | * | * | * | 53.42 | 1 |
| 29-1071 | Physician Assistants | 96 | 128 | 32 | 33.3 | 3 | 2 | 5 | 24.23 | 5 |
| 29-1111 | Registered Nurses | 630 | 898 | 268 | 42.5 | 27 | 13 | 40 | 18.62 | 6 |
| 29-1120 | Therapists | 123 | 199 | 76 | 61.8 | 8 | 3 | 11 | n/a | n/a |
| 29-1122 | Occupational Therapists | * | * | * | * | * | * | * | 21.47 | 5 |
| 29-1126 | Respiratory Therapists | 42 | 65 | 23 | 54.8 | 2 | 1 | 3 | 14.83 | 6 |
| 29-1127 | Speech-Language Pathologists | 32 | 55 | 23 | 71.9 | 2 | 1 | 3 | 19.40 | 3 |
| 29-2000 | Health Technologists and Technicians | 670 | 866 | 196 | 29.3 | 20 | 16 | 36 | n/a | n/a |
| 29-2010 | Clinical Laboratory Technologists & Technicians | 81 | 93 | 12 | 14.8 | 1 | 2 | 3 | n/a | n/a |
| 29-2011 | Medical and Clinical Laboratory Technologists | 55 | 64 | 9 | 16.4 | 1 | 1 | 2 | 15.43 | 5 |
| 29-2012 | Medical and Clinical Laboratory Technicians | * | * | * | * | * | * | * | 13.68 | 6 |
| 29-2030 | Diagnostic Related Technologists & Technicians | 82 | 107 | 25 | 30.5 | 3 | 2 | 5 | n/a | n/a |
| 29-2034 | Radiologic Technologists and Technicians | 58 | 73 | 15 | 25.9 | 2 | 1 | 3 | 15.77 | 6 |
| 29-2050 | Health Diagnosing, Treating Pract. Support Tech. | 132 | 177 | 45 | 34.1 | 5 | 3 | 8 | n/a | n/a |
| 29-2052 | Pharmacy Technicians | 86 | 112 | 26 | 30.2 | 3 | 2 | 5 | 9.77 | 10 |
| 29-2061 | Licensed Practical & Licensed Vocational Nurse | 241 | 281 | 40 | 16.6 | 4 | 6 | 10 | 12.01 | 7 |
| 29-2071 | Medical Records & Health Information Tech. | 46 | 71 | 25 | 54.3 | 3 | 1 | 4 | 10.56 | 6 |
| 29-9000 | Other Healthcare Practitioners & Tech. Occs. | * | * | * | * | * | * | * | n/a | n/a |
| 29-9010 | Occupational Health, Safety Specialists & Tech. | * | * | * | * | * | * | * | 16.47 | 5 |

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

Buffalo Trace & Gateway Areas

Healthcare Support Occupations

Occupational Employment Outlook and Job Openings

| Occupational | | Employment* | | Change | | Job Openings | | | Average Wage 2001 | Educ/ Training Req'd~ |
|----------------|---|-------------------|-------------------|---------------------|----------------------|--------------------------|-------------------------------|-------------------------|-------------------------|-----------------------------|
| Code | Title | 2000 Estimated | 2010 Projected | 2000-2010 Number | 2000-2010 Percent | Average Annual Growth | Average Annual Separations | Average Annual Total | | |
| 31-0000 | Healthcare Support Occupations | 1,189 | 1,581 | 392 | 33.0 | 39 | 20 | 59 | n/a | n/a |
| 31-1000 | Nursing, Psychiatric, and Home Health Aides | 804 | 1,065 | 261 | 32.5 | 26 | 10 | 36 | n/a | n/a |
| 31-1010 | Nursing, Psychiatric, and Home Health Aides | 804 | 1,065 | 261 | 32.5 | 26 | 10 | 36 | n/a | n/a |
| 31-1011 | Home Health Aides | 190 | 313 | 123 | 64.7 | 12 | 2 | 14 | 7.61 | 11 |
| 31-1012 | Nursing Aides, Orderlies, and Attendants | 610 | 746 | 136 | 22.3 | 14 | 8 | 22 | 7.77 | 11 |
| 31-2000 | Occupational, Physical Therapist Assist. & Aides | * | * | * | * | * | * | * | n/a | n/a |
| 31-2021 | Physical Therapist Assistants | * | * | * | * | * | * | * | 14.60 | 6 |
| 31-9000 | Other Healthcare Support Occupations | 360 | 474 | 114 | 31.7 | 11 | 9 | 20 | n/a | n/a |
| 31-9090 | Miscellaneous Healthcare Support Occupations | 357 | 470 | 113 | 31.7 | 11 | 9 | 20 | n/a | n/a |
| 31-9092 | Medical Assistants | 219 | 289 | 70 | 32.0 | 7 | 6 | 13 | 9.50 | 10 |
| 31-9094 | Medical Transcriptionists | 47 | 61 | 14 | 29.8 | 1 | 1 | 2 | 11.38 | 7 |

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

Buffalo Trace & Gateway Areas

Protective Service Occupations

Occupational Employment Outlook and Job Openings

| Occupational | | Employment* | | Change | | Job Openings | | | Average Wage 2001 | Educ/ Training Req'd~ |
|----------------|--|-------------------|-------------------|---------------------|----------------------|--------------------------|-------------------------------|-------------------------|-------------------------|-----------------------------|
| Code | Title | 2000 Estimated | 2010 Projected | 2000-2010 Number | 2000-2010 Percent | Average Annual Growth | Average Annual Separations | Average Annual Total | | |
| 33-0000 | Protective Service Occupations | 636 | 830 | 194 | 30.5 | 19 | 20 | 39 | n/a | n/a |
| 33-1000 | Supervisors, Protective Service Workers | 94 | 117 | 23 | 24.5 | 2 | 2 | 4 | n/a | n/a |
| 33-1010 | Supervisors, Law Enforcement Workers | 83 | 106 | 23 | 27.7 | 2 | 2 | 4 | n/a | n/a |
| 33-1012 | Supervisors of Police and Detectives | * | * | * | * | * | * | * | 13.67 | 8 |
| 33-2000 | Fire Fighting and Prevention Workers | * | * | * | * | * | * | * | n/a | n/a |
| 33-3000 | Law Enforcement Workers | 363 | 475 | 112 | 30.9 | 11 | 8 | 19 | n/a | n/a |
| 33-3050 | Police Officers | 119 | 148 | 29 | 24.4 | 3 | 3 | 6 | n/a | n/a |
| 33-3051 | Police and Sheriff's Patrol Officers | 119 | 148 | 29 | 24.4 | 3 | 3 | 6 | 11.29 | 9 |
| 33-9000 | Other Protective Service Workers | 160 | 215 | 55 | 34.4 | 6 | 9 | 15 | n/a | n/a |
| 33-9032 | Security Guards | 57 | 58 | 1 | 1.8 | 0 | 2 | 2 | 7.58 | 11 |
| 33-9099 | Protective Service Workers, All Other | 97 | 148 | 51 | 52.6 | 5 | 7 | 12 | 6.47 | 11 |

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

Buffalo Trace & Gateway Areas

Food Prep. & Serving Related Occs.

Occupational Employment Outlook and Job Openings

| Occupational | | Employment* | | Change | | Job Openings | | | Average Wage 2001 | Educ/ Training Req'd~ |
|----------------|---|-------------------|-------------------|---------------------|----------------------|------------------------------------|-------------|------------|----------------------|-----------------------------|
| Code | Title | 2000 Estimated | 2010 Projected | 2000-2010 Number | 2000-2010 Percent | Average Annual 2000-2010 Growth | Separations | Total | | |
| 35-0000 | Food Preparation & Serving Related Occupations | 3,183 | 5,250 | 2,067 | 64.9 | 207 | 136 | 343 | n/a | n/a |
| 35-1000 | Supervisors, Food Prep. & Serving Workers | 309 | 480 | 171 | 55.3 | 17 | 8 | 25 | n/a | n/a |
| 35-1010 | Supervisors, Food Preparation and Serving | 309 | 480 | 171 | 55.3 | 17 | 8 | 25 | n/a | n/a |
| 35-1012 | Supervisors of Food Preparation and Serving | 306 | 478 | 172 | 56.2 | 17 | 8 | 25 | 8.64 | 8 |
| 35-2000 | Cooks and Food Preparation Workers | 1,461 | 1,948 | 487 | 33.3 | 49 | 43 | 92 | n/a | n/a |
| 35-2010 | Cooks | 1,282 | 1,715 | 433 | 33.8 | 43 | 36 | 79 | n/a | n/a |
| 35-2012 | Cooks, Institution and Cafeteria | 320 | 305 | -15 | -4.7 | 0 | 9 | 9 | 7.70 | 9 |
| 35-2013 | Cooks, Private Household | * | * | * | * | * | * | * | n/a | 9 |
| 35-2014 | Cooks, Restaurant | * | * | * | * | * | * | * | 6.79 | 9 |
| 35-2015 | Cooks, Short Order | 137 | 165 | 28 | 20.4 | 3 | 4 | 7 | 6.57 | 11 |
| 35-2021 | Food Preparation Workers | 179 | 233 | 54 | 30.2 | 5 | 7 | 12 | 6.45 | 11 |
| 35-3000 | Food and Beverage Serving Workers | 1,362 | 2,764 | 1,402 | 102.9 | 140 | 83 | 223 | n/a | n/a |
| 35-3011 | Bartenders | * | * | * | * | * | * | * | 6.40 | 11 |
| 35-3020 | Fast Food and Counter Workers | 1,281 | 2,665 | 1,384 | 108.0 | 138 | 79 | 217 | n/a | n/a |
| 35-3021 | Combined Food Prep. & Serving Workers | 1,224 | 2,605 | 1,381 | 112.8 | 138 | 75 | 213 | 6.04 | 11 |
| 35-3022 | Counter Attend., Cafeteria, Food Concession | 57 | 60 | 3 | 5.3 | 0 | 5 | 5 | 7.01 | 11 |
| 35-3031 | Waiters and Waitresses | 32 | 35 | 3 | 9.4 | 0 | 2 | 2 | 6.47 | 11 |
| 35-9000 | Other Food Prep. and Serving Related Workers | 51 | 58 | 7 | 13.7 | 1 | 2 | 3 | n/a | n/a |

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

Buffalo Trace & Gateway Areas

Building, Grounds Cleaning & Maintenance Occs.

Occupational Employment Outlook and Job Openings

| Occupational | | Employment* | | Change | | Job Openings | | | Average Wage 2001 | Educ/ Training Req'd~ |
|--------------|--|-------------------|-------------------|---------------------|----------------------|--------------------------|-------------|-------|----------------------|-----------------------------|
| Code | Title | 2000 Estimated | 2010 Projected | 2000-2010 Number | 2000-2010 Percent | Average Annual 2000-2010 | | | | |
| | | | | | | Growth | Separations | Total | | |
| 37-0000 | Building, Grounds Cleaning & Maintenance Occs | 1,752 | 2,102 | 350 | 20.0 | 35 | 36 | 71 | n/a | n/a |
| 37-1000 | Supervisor, Build., Grounds Clean. & Maint. Work | 87 | 83 | -4 | -4.6 | 0 | 1 | 1 | n/a | n/a |
| 37-1010 | Supervisors, Building and Grounds Cleaning | 87 | 83 | -4 | -4.6 | 0 | 1 | 1 | n/a | n/a |
| 37-1011 | Supervisors of Housekeeping and Janitors | 39 | 45 | 6 | 15.4 | 1 | 1 | 2 | 11.31 | 8 |
| 37-1012 | Supervisors of Landscaping, Lawn Service | 48 | 38 | -10 | -20.8 | 0 | 0 | 0 | 13.51 | 8 |
| 37-2000 | Building Cleaning and Pest Control Workers | 1,359 | 1,686 | 327 | 24.1 | 33 | 27 | 60 | n/a | n/a |
| 37-2010 | Building Cleaning Workers | 1,358 | 1,685 | 327 | 24.1 | 33 | 27 | 60 | n/a | n/a |
| 37-2011 | Janitors & Cleaners, Ex. Maids & Housekeeping | 805 | 943 | 138 | 17.1 | 14 | 15 | 29 | 7.49 | 11 |
| 37-2012 | Maids and Housekeeping Cleaners | 553 | 742 | 189 | 34.2 | 19 | 12 | 31 | 7.26 | 11 |
| 37-3000 | Grounds Maintenance Workers | 274 | 299 | 25 | 9.1 | 3 | 7 | 10 | n/a | n/a |
| 37-3010 | Grounds Maintenance Workers | 274 | 299 | 25 | 9.1 | 3 | 7 | 10 | n/a | n/a |
| 37-3011 | Landscaping and Groundskeeping Workers | 272 | 297 | 25 | 9.2 | 3 | 7 | 10 | 9.55 | 11 |
| 37-9000 | Misc. Building, Grounds Cleaning & Maint. Work | 32 | 34 | 2 | 6.3 | 0 | 1 | 1 | n/a | n/a |

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

Buffalo Trace & Gateway Areas

Personal Care & Service Occupations

Occupational Employment Outlook and Job Openings

| Occupational | | Employment* | | Change | | Job Openings | | | Average Wage 2001 | Educ/ Training Req'd~ |
|----------------|---|-------------------|-------------------|---------------------|----------------------|--------------------------|--------------------------|--------------------|----------------------|-----------------------------|
| Code | Title | 2000 Estimated | 2010 Projected | 2000-2010 Number | 2000-2010 Percent | Average Annual Growth | 2000-2010 Separations | 2000-2010 Total | | |
| 39-0000 | Personal Care and Service Occupations | 1,878 | 2,557 | 679 | 36.2 | 68 | 57 | 125 | n/a | n/a |
| 39-1000 | Supervisors, Personal Care & Service Workers | * | * | * | * | * | * | * | n/a | n/a |
| 39-1021 | Supervisors of Personal Service Workers | * | * | * | * | * | * | * | 9.44 | 8 |
| 39-2000 | Animal Care and Service Workers | 68 | 85 | 17 | 25.0 | 2 | 1 | 3 | n/a | n/a |
| 39-2011 | Animal Trainers | * | * | * | * | * | * | * | n/a | n/a |
| 39-2021 | Nonfarm Animal Caretakers | 67 | 84 | 17 | 25.4 | 2 | 1 | 3 | 7.06 | 11 |
| 39-3000 | Entertainment Attendants and Related Workers | 68 | 106 | 38 | 55.9 | 4 | 2 | 6 | n/a | n/a |
| 39-4000 | Funeral Service Workers | * | * | * | * | * | * | * | n/a | n/a |
| 39-5000 | Personal Appearance Workers | 92 | 103 | 11 | 12.0 | 1 | 2 | 3 | n/a | n/a |
| 39-5012 | Hairdressers, Hairstylists, and Cosmetologists | 92 | 103 | 11 | 12.0 | 1 | 2 | 3 | 9.36 | 7 |
| 39-6000 | Transportation, Tourism & Lodging Attendants | * | * | * | * | * | * | * | n/a | n/a |
| 39-6031 | Flight Attendants | * | * | * | * | * | * | * | n/a | n/a |
| 39-9000 | Other Personal Care and Service Workers | 1,612 | 2,222 | 610 | 37.8 | 61 | 50 | 111 | n/a | n/a |
| 39-9011 | Child Care Workers | 1,311 | 1,782 | 471 | 35.9 | 47 | 45 | 92 | 6.83 | 11 |
| 39-9021 | Personal and Home Care Aides | 135 | 234 | 99 | 73.3 | 10 | 2 | 12 | 6.21 | 11 |
| 39-9030 | Recreation and Fitness Workers | 106 | 145 | 39 | 36.8 | 4 | 2 | 6 | n/a | n/a |
| 39-9032 | Recreation Workers | 71 | 91 | 20 | 28.2 | 2 | 2 | 4 | 7.05 | 5 |
| 39-9041 | Residential Advisors | 46 | 46 | 0 | 0.0 | 0 | 1 | 1 | 9.28 | 10 |

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

Buffalo Trace & Gateway Areas

Sales & Related Occupations

Occupational Employment Outlook and Job Openings

| Occupational | | Employment* | | Change | | Job Openings | | | Average Wage 2001 | Educ/ Training Req'd~ |
|----------------|--|-------------------|-------------------|---------------------|----------------------|--------------------------|--------------------------|--------------------|----------------------|-----------------------------|
| Code | Title | 2000 Estimated | 2010 Projected | 2000-2010 Number | 2000-2010 Percent | Average Annual Growth | 2000-2010 Separations | 2000-2010 Total | | |
| 41-0000 | Sales and Related Occupations | 4,131 | 5,085 | 954 | 23.1 | 95 | 147 | 242 | n/a | n/a |
| 41-1000 | Supervisors, Sales Workers | 663 | 816 | 153 | 23.1 | 15 | 10 | 25 | n/a | n/a |
| 41-1010 | Supervisors, Sales Workers | 663 | 816 | 153 | 23.1 | 15 | 10 | 25 | n/a | n/a |
| 41-1011 | Supervisors of Retail Sales Workers | 621 | 771 | 150 | 24.2 | 15 | 9 | 24 | 14.17 | 8 |
| 41-1012 | Supervisors of Non-Retail Sales Workers | 42 | 45 | 3 | 7.1 | 0 | 1 | 1 | 24.30 | 8 |
| 41-2000 | Retail Sales Workers | 3,001 | 3,695 | 694 | 23.1 | 69 | 126 | 195 | n/a | n/a |
| 41-2011 | Cashiers | 1,647 | 2,004 | 357 | 21.7 | 36 | 75 | 111 | 6.46 | 11 |
| 41-2020 | Counter, Rental Clerks & Parts Salespersons | 195 | 205 | 10 | 5.1 | 1 | 7 | 8 | n/a | n/a |
| 41-2021 | Counter and Rental Clerks | 86 | 93 | 7 | 8.1 | 1 | 4 | 5 | 6.78 | 11 |
| 41-2022 | Parts Salespersons | 109 | 112 | 3 | 2.8 | 0 | 3 | 3 | 12.08 | 10 |
| 41-2031 | Retail Salespersons | 1,159 | 1,486 | 327 | 28.2 | 33 | 44 | 77 | 9.38 | 11 |
| 41-3000 | Sales Representatives, Services | 98 | 114 | 16 | 16.3 | 2 | 2 | 4 | n/a | n/a |
| 41-3011 | Advertising Sales Agents | 36 | 45 | 9 | 25.0 | 1 | 1 | 2 | 8.94 | 10 |
| 41-3021 | Insurance Sales Agents | * | * | * | * | * | * | * | 18.02 | 5 |
| 41-4000 | Sales Reps, Wholesale and Manufacturing | 170 | 205 | 35 | 20.6 | 4 | 5 | 9 | n/a | n/a |
| 41-4010 | Sales Reps, Wholesale and Manufacturing | 170 | 205 | 35 | 20.6 | 4 | 5 | 9 | n/a | n/a |
| 41-4012 | Sales Reps, Wholesale & Manuf., Ex. Technical | 167 | 201 | 34 | 20.4 | 3 | 5 | 8 | 15.88 | 10 |
| 41-9000 | Other Sales and Related Workers | 199 | 255 | 56 | 28.1 | 6 | 4 | 10 | n/a | n/a |
| 41-9020 | Real Estate Brokers and Sales Agents | 69 | 79 | 10 | 14.5 | 1 | 1 | 2 | n/a | n/a |
| 41-9041 | Telemarketers | * | * | * | * | * | * | * | 6.44 | 11 |

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

Buffalo Trace & Gateway Areas

Office & Administrative Support Occs.

Occupational Employment Outlook and Job Openings

| Occupational | | Employment* | | Change | | Job Openings | | | Average | Educ/ |
|----------------|---|--------------|--------------|------------|--------------|--------------------------|-------------|------------|------------|------------|
| | | 2000 | 2010 | 2000-2010 | | Average Annual 2000-2010 | | | Wage | Training |
| Code | Title | Estimated | Projected | Number | Percent | Growth | Separations | Total | 2001 | Req'd~ |
| 43-0000 | Office and Administrative Support Occupations | 5,590 | 6,276 | 686 | 12.3 | 69 | 123 | 192 | n/a | n/a |
| 43-1000 | Supervisors, Office & Admin. Support Workers | 335 | 391 | 56 | 16.7 | 6 | 7 | 13 | n/a | n/a |
| 43-1011 | Supervisors of Office and Administrative | 335 | 391 | 56 | 16.7 | 6 | 7 | 13 | 14.61 | 8 |
| 43-2000 | Communications Equipment Operators | 59 | 50 | -9 | -15.3 | 0 | 2 | 2 | n/a | n/a |
| 43-2011 | Switchboard Operators, Inc. Answering Service | 59 | 49 | -10 | -16.9 | 0 | 2 | 2 | 8.84 | 11 |
| 43-3000 | Financial Clerks | 1,211 | 1,300 | 89 | 7.3 | 9 | 30 | 39 | n/a | n/a |
| 43-3011 | Bill and Account Collectors | 58 | 66 | 8 | 13.8 | 1 | 2 | 3 | 11.07 | 11 |
| 43-3021 | Billing and Posting Clerks & Machine Operators | 226 | 242 | 16 | 7.1 | 2 | 6 | 8 | 10.04 | 11 |
| 43-3031 | Bookkeeping, Accounting, and Auditing Clerks | 636 | 678 | 42 | 6.6 | 4 | 12 | 16 | 11.67 | 10 |
| 43-3051 | Payroll and Timekeeping Clerks | 111 | 121 | 10 | 9.0 | 1 | 3 | 4 | 11.91 | 11 |
| 43-3061 | Procurement Clerks | 32 | 28 | -4 | -12.5 | 0 | 1 | 1 | 10.61 | 11 |
| 43-3071 | Tellers | 148 | 165 | 17 | 11.5 | 2 | 7 | 9 | 8.56 | 11 |
| 43-4000 | Information and Record Clerks | 1,040 | 1,351 | 311 | 29.9 | 31 | 22 | 53 | n/a | n/a |
| 43-4051 | Customer Service Representatives | 249 | 322 | 73 | 29.3 | 7 | 2 | 9 | 11.84 | 10 |
| 43-4071 | File Clerks | * | * | * | * | * | * | * | 7.96 | 11 |
| 43-4081 | Hotel, Motel, and Resort Desk Clerks | 107 | 230 | 123 | 115.0 | 12 | 5 | 17 | 7.28 | 11 |
| 43-4111 | Interviewers, Except Eligibility and Loan | 52 | 74 | 22 | 42.3 | 2 | 1 | 3 | 9.64 | 11 |
| 43-4121 | Library Assistants, Clerical | * | * | * | * | * | * | * | 8.37 | 11 |
| 43-4131 | Loan Interviewers and Clerks | * | * | * | * | * | * | * | 12.79 | 11 |
| 43-4151 | Order Clerks | 98 | 77 | -21 | -21.4 | 0 | 2 | 2 | 8.45 | 11 |
| 43-4161 | Human Res. Assist., Ex. Payroll & Timekeeping | 36 | 42 | 6 | 16.7 | 1 | 1 | 2 | 12.17 | 11 |
| 43-4171 | Receptionists and Information Clerks | 291 | 351 | 60 | 20.6 | 6 | 7 | 13 | 8.70 | 11 |
| 43-4181 | Reserv., Transport. Ticket Agents & Travel Clerk | 47 | 59 | 12 | 25.5 | 1 | 1 | 2 | n/a | 11 |
| 43-4999 | Financial, Information & Record Clerks, All Other | 62 | 83 | 21 | 33.9 | 2 | 1 | 3 | 12.73 | 11 |
| 43-5000 | Material Record, Schedule, Dispatch & Distribute | 1,103 | 1,216 | 113 | 10.2 | 11 | 30 | 41 | n/a | n/a |
| 43-5030 | Dispatchers | 62 | 83 | 21 | 33.9 | 2 | 1 | 3 | n/a | n/a |
| 43-5031 | Police, Fire, and Ambulance Dispatchers | 32 | 42 | 10 | 31.3 | 1 | 1 | 2 | 6.80 | 10 |
| 43-5041 | Meter Readers, Utilities | 89 | 77 | -12 | -13.5 | 0 | 2 | 2 | 10.66 | 11 |
| 43-5050 | Postal Service Workers | 248 | 226 | -22 | -8.9 | 0 | 7 | 7 | n/a | n/a |
| 43-5051 | Postal Service Clerks | 39 | 36 | -3 | -7.7 | 0 | 1 | 1 | 18.32 | 11 |
| 43-5052 | Postal Service Mail Carriers | 180 | 163 | -17 | -9.4 | 0 | 6 | 6 | 17.79 | 11 |
| 43-5053 | Postal Service Mail Sorter, Processor | * | * | * | * | * | * | * | 10.85 | 11 |
| 43-5061 | Production, Planning, and Expediting Clerks | 70 | 83 | 13 | 18.6 | 1 | 1 | 2 | 12.88 | 11 |
| 43-5071 | Shipping, Receiving, and Traffic Clerks | 209 | 219 | 10 | 4.8 | 1 | 4 | 5 | 10.55 | 11 |
| 43-5081 | Stock Clerks and Order Fillers | 361 | 458 | 97 | 26.9 | 10 | 13 | 23 | 8.76 | 11 |
| 43-5111 | Weigher, Measurer, Checker, Sampler, Records | 40 | 43 | 3 | 7.5 | 0 | 1 | 1 | 13.43 | 11 |

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

Buffalo Trace & Gateway Areas

Office & Administrative Support Occs. (cont'd)

Occupational Employment Outlook and Job Openings

| Occupational | | Employment* | | Change | | Job Openings | | | Average Wage 2001 | Educ/ Training Req'd~ |
|--------------|---|-------------------|-------------------|---------------------|----------------------|--------------------------|-------------|-------|-------------------------|-----------------------------|
| Code | Title | 2000 Estimated | 2010 Projected | 2000-2010 Number | 2000-2010 Percent | Average Annual 2000-2010 | | | | |
| | | | | | | Growth | Separations | Total | | |
| 43-6000 | Secretaries and Administrative Assistants | 1,175 | 1,224 | 49 | 4.2 | 5 | 20 | 25 | n/a | n/a |
| 43-6010 | Secretaries and Administrative Assistants | 1,175 | 1,224 | 49 | 4.2 | 5 | 20 | 25 | n/a | n/a |
| 43-6011 | Executive Secretaries & Administrative Assistants | 414 | 449 | 35 | 8.5 | 4 | 7 | 11 | 13.81 | 10 |
| 43-6014 | Secretaries, Except Legal, Medical, and Executive | 679 | 680 | 1 | 0.1 | 0 | 12 | 12 | 9.81 | 10 |
| 43-9000 | Other Office & Administrative Support Workers | 667 | 744 | 77 | 11.5 | 8 | 13 | 21 | n/a | n/a |
| 43-9011 | Computer Operators | * | * | * | * | * | * | * | 12.88 | 10 |
| 43-9020 | Data Entry and Information Processing Workers | 123 | 118 | -5 | -4.1 | 0 | 2 | 2 | n/a | n/a |
| 43-9021 | Data Entry Keyers | 99 | 98 | -1 | -1.0 | 0 | 2 | 2 | 9.35 | 10 |
| 43-9022 | Word Processors and Typists | * | * | * | * | * | * | * | 8.82 | 10 |
| 43-9061 | Office Clerks, General | 476 | 557 | 81 | 17.0 | 8 | 9 | 17 | 8.16 | 11 |

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

Buffalo Trace & Gateway Areas

Farming, Fishing & Forestry Occupations

Occupational Employment Outlook and Job Openings

| Occupational | | Employment* | | Change | | Job Openings | | | Average Wage 2001 | Educ/ Training Req'd~ |
|----------------|---|-------------------|-------------------|---------------------|----------------------|--------------------------|--------------------------|--------------------|----------------------|-----------------------------|
| Code | Title | 2000 Estimated | 2010 Projected | 2000-2010 Number | 2000-2010 Percent | Average Annual Growth | 2000-2010 Separations | 2000-2010 Total | | |
| 45-0000 | Farming, Fishing, and Forestry Occupations | 208 | 210 | 2 | 1.0 | 0 | 5 | 5 | n/a | n/a |
| 45-1000 | Supervisor, Farming, Fishing & Forestry Worker | * | * | * | * | * | * | * | n/a | n/a |
| 45-1011 | Supervisors of Farming, Fishing & Forestry | * | * | * | * | * | * | * | 12.87 | 10 |
| 45-2000 | Agricultural Workers | 82 | 60 | -22 | -26.8 | 0 | 2 | 2 | n/a | n/a |
| 45-2011 | Agricultural Inspectors | * | * | * | * | * | * | * | 19.06 | 8 |
| 45-2090 | Miscellaneous Agricultural Workers | * | * | * | * | * | * | * | n/a | n/a |
| 45-2093 | Farmworkers, Farm and Ranch Animals | * | * | * | * | * | * | * | 9.31 | 10 |
| 45-2099 | Agricultural Workers, All Other | * | * | * | * | * | * | * | n/a | n/a |
| 45-3000 | Fishing and Hunting Workers | 54 | 73 | 19 | 35.2 | 2 | 2 | 4 | n/a | n/a |
| 45-3010 | Fishers and Related Fishing Workers | 54 | 73 | 19 | 35.2 | 2 | 2 | 4 | n/a | n/a |
| 45-4000 | Forest, Conservation, and Logging Workers | 56 | 58 | 2 | 3.6 | 0 | 1 | 1 | n/a | n/a |
| 45-4020 | Logging Workers | 42 | 44 | 2 | 4.8 | 0 | 1 | 1 | n/a | n/a |
| 45-4022 | Logging Equipment Operators | 37 | 38 | 1 | 2.7 | 0 | 1 | 1 | 7.61 | 10 |
| 45-9000 | Other Farming, Fishing, and Forestry Workers | * | * | * | * | * | * | * | n/a | n/a |

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

Buffalo Trace & Gateway Areas

Construction & Extraction Occupations

Occupational Employment Outlook and Job Openings

| Occupational | | Employment* | | Change | | Job Openings | | | Average Wage 2001 | Educ/ Training Req'd~ |
|--------------|--|-------------------|-------------------|---------------------|----------------------|--------------------------|-------------|-------|----------------------|-----------------------------|
| Code | Title | 2000 Estimated | 2010 Projected | 2000-2010 Number | 2000-2010 Percent | Average Annual 2000-2010 | | | | |
| | | | | | | Growth | Separations | Total | | |
| 47-0000 | Construction and Extraction Occupations | 2,304 | 2,617 | 313 | 13.6 | 31 | 40 | 71 | n/a | n/a |
| 47-1000 | Supervisors, Construction & Extraction Workers | 454 | 550 | 96 | 21.1 | 10 | 10 | 20 | n/a | n/a |
| 47-1011 | Supervisors of Construction Trades & Extraction | 454 | 550 | 96 | 21.1 | 10 | 10 | 20 | 15.53 | 8 |
| 47-2000 | Construction Trades Workers | 1,669 | 1,887 | 218 | 13.1 | 22 | 26 | 48 | n/a | n/a |
| 47-2031 | Carpenters | 350 | 429 | 79 | 22.6 | 8 | 6 | 14 | 13.97 | 9 |
| 47-2051 | Cement Masons and Concrete Finishers | 56 | 66 | 10 | 17.9 | 1 | 1 | 2 | 20.94 | 9 |
| 47-2061 | Construction Laborers | 495 | 532 | 37 | 7.5 | 4 | 5 | 9 | 11.04 | 10 |
| 47-2070 | Construction Equipment Operators | 367 | 391 | 24 | 6.5 | 2 | 8 | 10 | n/a | n/a |
| 47-2073 | Operating Eng. & Other Const. Equip. Operators | 332 | 357 | 25 | 7.5 | 3 | 7 | 10 | 17.78 | 10 |
| 47-2111 | Electricians | 72 | 79 | 7 | 9.7 | 1 | 1 | 2 | 15.41 | 9 |
| 47-2141 | Painters, Construction and Maintenance | 48 | 50 | 2 | 4.2 | 0 | 1 | 1 | 11.28 | 10 |
| 47-2150 | Pipelayers, Plumbers, Pipefitters & Steamfitters | 144 | 168 | 24 | 16.7 | 2 | 2 | 4 | n/a | n/a |
| 47-2151 | Pipelayers | * | * | * | * | * | * | * | 10.32 | 10 |
| 47-2152 | Plumbers, Pipefitters, and Steamfitters | 53 | 50 | -3 | -5.7 | 0 | 1 | 1 | 14.13 | 9 |
| 47-2211 | Sheet Metal Workers | 35 | 42 | 7 | 20.0 | 1 | 1 | 2 | 15.48 | 10 |
| 47-3000 | Helpers, Construction Trades | * | * | * | * | * | * | * | n/a | n/a |
| 47-4000 | Other Construction and Related Workers | 137 | 141 | 4 | 2.9 | 0 | 2 | 2 | n/a | n/a |
| 47-4051 | Highway Maintenance Workers | 121 | 125 | 4 | 3.3 | 0 | 2 | 2 | 11.37 | 10 |
| 47-4061 | Rail-Track Laying & Maint. Equip. Operators | * | * | * | * | * | * | * | n/a | 10 |
| 47-4071 | Septic Tank Servicers and Sewer Pipe Cleaners | * | * | * | * | * | * | * | n/a | n/a |
| 47-5000 | Extraction Workers | * | * | * | * | * | * | * | n/a | n/a |

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

Buffalo Trace & Gateway Areas

Installation, Maintenance & Repair Occs.

Occupational Employment Outlook and Job Openings

| Occupational | | Employment* | | Change | | Job Openings | | | Average Wage 2001 | Educ/ Training Req'd~ |
|----------------|--|-------------------|-------------------|---------------------|----------------------|------------------------------------|---|-----------------------------------|-------------------|-----------------------|
| Code | Title | 2000 Estimated | 2010 Projected | 2000-2010 Number | 2000-2010 Percent | Average Annual 2000-2010 Growth | Average Annual 2000-2010 Separations | Average Annual 2000-2010 Total | | |
| 49-0000 | Installation, Maintenance & Repair Occupations | 1,647 | 1,810 | 163 | 9.9 | 16 | 35 | 51 | n/a | n/a |
| 49-1000 | Supervisors of Install., Maint. & Repair Workers | 157 | 193 | 36 | 22.9 | 4 | 4 | 8 | n/a | n/a |
| 49-1011 | Supervisors of Mechanics, Installers | 157 | 193 | 36 | 22.9 | 4 | 4 | 8 | 19.64 | 8 |
| 49-2000 | Electrical & Electronic Equipment Mech., Install. | 71 | 64 | -7 | -9.9 | 0 | 1 | 1 | n/a | n/a |
| 49-2090 | Miscellaneous Electrical & Electronic Equipment | 41 | 40 | -1 | -2.4 | 0 | 1 | 1 | n/a | n/a |
| 49-3000 | Vehicle & Mobile Equipment Mechanic, Installer | 384 | 458 | 74 | 19.3 | 7 | 10 | 17 | n/a | n/a |
| 49-3020 | Automotive Technicians and Repairers | 178 | 235 | 57 | 32.0 | 6 | 4 | 10 | n/a | n/a |
| 49-3023 | Automotive Service Technicians and Mechanics | 172 | 227 | 55 | 32.0 | 6 | 4 | 10 | 10.62 | 7 |
| 49-3031 | Bus, Truck Mechanics & Diesel Engine Spec. | 113 | 123 | 10 | 8.8 | 1 | 3 | 4 | 12.49 | 7 |
| 49-3040 | Heavy Vehicle & Mobile Equip. Service Tech. | * | * | * | * | * | * | * | n/a | n/a |
| 49-3042 | Mobile Heavy Equip. Mechanics, Except Engines | * | * | * | * | * | * | * | 13.58 | 7 |
| 49-3043 | Rail Car Repairers | * | * | * | * | * | * | * | n/a | 9 |
| 49-3050 | Small Engine Mechanics | * | * | * | * | * | * | * | n/a | n/a |
| 49-3052 | Motorcycle Mechanics | * | * | * | * | * | * | * | 9.15 | 9 |
| 49-9000 | Other Installation, Maintenance & Repair Occs | 1,035 | 1,095 | 60 | 5.8 | 6 | 20 | 26 | n/a | n/a |
| 49-9021 | Heating, Air Conditioning & Refrigeration Mech. | * | * | * | * | * | * | * | 13.52 | 9 |
| 49-9040 | Industrial Machinery Installation, Repair & Maint. | 726 | 773 | 47 | 6.5 | 5 | 11 | 16 | n/a | n/a |
| 49-9041 | Industrial Machinery Mechanics | 110 | 133 | 23 | 20.9 | 2 | 3 | 5 | 16.79 | 9 |
| 49-9042 | Maintenance and Repair Workers, General | 587 | 617 | 30 | 5.1 | 3 | 8 | 11 | 13.47 | 9 |
| 49-9043 | Maintenance Workers, Machinery | * | * | * | * | * | * | * | 14.22 | 9 |
| 49-9050 | Line Installers and Repairers | 157 | 152 | -5 | -3.2 | 0 | 4 | 4 | n/a | n/a |
| 49-9051 | Electrical Power-Line Installers and Repairers | 93 | 87 | -6 | -6.5 | 0 | 3 | 3 | 21.25 | 9 |
| 49-9052 | Telecommunications Line Installers & Repairers | 64 | 65 | 1 | 1.6 | 0 | 1 | 1 | 16.06 | 9 |
| 49-9090 | Misc. Installation, Maintenance & Repair Workers | 98 | 112 | 14 | 14.3 | 1 | 3 | 4 | n/a | n/a |
| 49-9098 | Helpers--Installation, Maint. & Repair Workers | * | * | * | * | * | * | * | 8.39 | 11 |
| 49-9099 | Installation, Maint. & Repair Workers, All Other | 40 | 41 | 1 | 2.5 | 0 | 1 | 1 | 20.89 | 9 |

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

Buffalo Trace & Gateway Areas

Production Occupations

Occupational Employment Outlook and Job Openings

| Occupational | | Employment* | | Change | | Job Openings | | | Average Wage 2001 | Educ/ Training Req'd~ |
|----------------|---|-------------------|-------------------|---------------------|----------------------|--------------------------|--------------------------|--------------------|----------------------|-----------------------------|
| Code | Title | 2000 Estimated | 2010 Projected | 2000-2010 Number | 2000-2010 Percent | Average Annual Growth | 2000-2010 Separations | 2000-2010 Total | | |
| 51-0000 | Production Occupations | 7,915 | 8,836 | 921 | 11.6 | 92 | 174 | 266 | n/a | n/a |
| 51-1000 | Supervisors, Production Workers | 378 | 410 | 32 | 8.5 | 3 | 10 | 13 | n/a | n/a |
| 51-1011 | Supervisors of Production and Operating | 378 | 410 | 32 | 8.5 | 3 | 10 | 13 | 16.45 | 8 |
| 51-2000 | Assemblers and Fabricators | 1,749 | 2,043 | 294 | 16.8 | 29 | 33 | 62 | n/a | n/a |
| 51-2020 | Electrical, Electronics & Electromech. Assemb. | 324 | 223 | -101 | -31.2 | 0 | 8 | 8 | n/a | n/a |
| 51-2021 | Coil Winders, Tapers, and Finishers | * | * | * | * | * | * | * | 9.29 | 11 |
| 51-2023 | Electromechanical Equipment Assemblers | 264 | 170 | -94 | -35.6 | 0 | 7 | 7 | 9.95 | 11 |
| 51-2090 | Miscellaneous Assemblers and Fabricators | 1,406 | 1,786 | 380 | 27.0 | 38 | 25 | 63 | n/a | n/a |
| 51-2092 | Team Assemblers | 554 | 728 | 174 | 31.4 | 17 | 10 | 27 | 9.54 | 10 |
| 51-2099 | Assemblers and Fabricators, All Other | 851 | 1,056 | 205 | 24.1 | 21 | 15 | 36 | 9.18 | 10 |
| 51-3000 | Food Processing Workers | 260 | 322 | 62 | 23.8 | 6 | 6 | 12 | n/a | n/a |
| 51-3020 | Butchers, Meat, Poultry & Fish Processing Work. | 107 | 144 | 37 | 34.6 | 4 | 3 | 7 | n/a | n/a |
| 51-3021 | Butchers and Meat Cutters | 81 | 73 | -8 | -9.9 | 0 | 2 | 2 | 8.29 | 9 |
| 51-3023 | Slaughterers and Meat Packers | * | * | * | * | * | * | * | 7.70 | 10 |
| 51-4000 | Metal Workers and Plastic Workers | 2,009 | 2,413 | 404 | 20.1 | 40 | 48 | 88 | n/a | n/a |
| 51-4010 | Computer Control Programmers and Operators | 57 | 71 | 14 | 24.6 | 1 | 2 | 3 | n/a | n/a |
| 51-4011 | Computer-Controlled Mach. Tool Operators | 40 | 50 | 10 | 25.0 | 1 | 1 | 2 | 13.84 | 9 |
| 51-4012 | Numerical Tool & Process Control Programmers | * | * | * | * | * | * | * | 16.62 | 9 |
| 51-4020 | Forming Machine Setter, Operator & Tender | 461 | 562 | 101 | 21.9 | 10 | 12 | 22 | n/a | n/a |
| 51-4021 | Extruding & Drawing Machine Setter, Operator | * | * | * | * | * | * | * | 13.34 | 10 |
| 51-4030 | Machine Tool Cutting Setter, Operator & Tender | 494 | 446 | -48 | -9.7 | 0 | 11 | 11 | n/a | n/a |
| 51-4031 | Cutting, Punching & Press Machine Setters, Ops | 310 | 253 | -57 | -18.4 | 0 | 6 | 6 | 10.46 | 10 |
| 51-4032 | Drilling & Boring Machine Tool Setters, Operators | 38 | 38 | 0 | 0.0 | 0 | 1 | 1 | 12.71 | 10 |
| 51-4033 | Grind, Lap, Polish & Buff Mach. Tool Setter | 138 | 147 | 9 | 6.5 | 1 | 3 | 4 | 12.46 | 10 |
| 51-4034 | Lathe & Turning Machine Tool Setter, Operator | * | * | * | * | * | * | * | 12.22 | 10 |
| 51-4041 | Machinists | 201 | 264 | 63 | 31.3 | 6 | 4 | 10 | 14.25 | 9 |
| 51-4120 | Welding, Soldering, and Brazing Workers | 251 | 311 | 60 | 23.9 | 6 | 7 | 13 | n/a | n/a |
| 51-4121 | Welders, Cutters, Solderers, and Brazers | 93 | 143 | 50 | 53.8 | 5 | 3 | 8 | 11.46 | 7 |
| 51-4190 | Miscellaneous Metalworkers & Plastic Workers | 183 | 243 | 60 | 32.8 | 6 | 4 | 10 | n/a | n/a |
| 51-5000 | Printing Workers | 69 | 82 | 13 | 18.8 | 1 | 2 | 3 | n/a | n/a |
| 51-5020 | Printers | 61 | 73 | 12 | 19.7 | 1 | 2 | 3 | n/a | n/a |
| 51-5022 | Prepress Technicians and Workers | * | * | * | * | * | * | * | 8.21 | 9 |
| 51-5023 | Printing Machine Operators | 35 | 50 | 15 | 42.9 | 2 | 1 | 3 | 10.58 | 10 |
| 51-6000 | Textile, Apparel, and Furnishings Workers | 1,175 | 789 | -386 | -32.9 | 0 | 14 | 14 | n/a | n/a |
| 51-6031 | Sewing Machine Operators | 1,003 | 613 | -390 | -38.9 | 0 | 11 | 11 | 8.36 | 10 |
| 51-6060 | Textile Machine Setters, Operators, and Tenders | 93 | 98 | 5 | 5.4 | 1 | 2 | 3 | n/a | n/a |

Buffalo Trace & Gateway Areas

Production Occupations (cont'd)

Occupational Employment Outlook and Job Openings

| Occupational | | Employment* | | Change | | Job Openings | | | Average Wage 2001 | Educ/ Training Req'd~ |
|--------------|--|-------------------|-------------------|---------------------|----------------------|--------------------------|-------------|-------|----------------------|-----------------------------|
| Code | Title | 2000 Estimated | 2010 Projected | 2000-2010 Number | 2000-2010 Percent | Average Annual 2000-2010 | | | | |
| | | | | | | Growth | Separations | Total | | |
| 51-7000 | Woodworkers | 340 | 445 | 105 | 30.9 | 11 | 13 | 24 | n/a | n/a |
| 51-7010 | Cabinetmakers and Bench Carpenters | * | * | * | * | * | * | * | n/a | n/a |
| 51-7011 | Cabinetmakers and Bench Carpenters | * | * | * | * | * | * | * | 8.38 | 9 |
| 51-7040 | Woodworking Machine Setter, Operator & Tender | 297 | 385 | 88 | 29.6 | 9 | 12 | 21 | n/a | n/a |
| 51-7041 | Sawing Mach. Setter, Operator & Tender, Wood | 71 | 89 | 18 | 25.4 | 2 | 3 | 5 | 9.02 | 10 |
| 51-7042 | Woodworking Machine Setter, Operator & Tender | 226 | 296 | 70 | 31.0 | 7 | 9 | 16 | 8.00 | 10 |
| 51-8000 | Plant and System Operators | 500 | 651 | 151 | 30.2 | 15 | 16 | 31 | n/a | n/a |
| 51-8031 | Water, Liquid Waste Treat. Plant & System Ops. | 429 | 585 | 156 | 36.4 | 16 | 14 | 30 | 12.17 | 9 |
| 51-9000 | Other Production Occupations | 1,435 | 1,681 | 246 | 17.1 | 25 | 33 | 58 | n/a | n/a |
| 51-9020 | Crush, Grind, Polish, Mix & Blend Workers | 71 | 163 | 92 | 129.6 | 9 | 2 | 11 | n/a | n/a |
| 51-9021 | Crushing, Grinding & Polishing Machine Setter | * | * | * | * | * | * | * | 13.11 | 10 |
| 51-9061 | Inspector, Tester, Sorter, Sampler & Weigher | 420 | 413 | -7 | -1.7 | 0 | 9 | 9 | 11.41 | 10 |
| 51-9111 | Packaging & Filling Machine Operator & Tender | 162 | 184 | 22 | 13.6 | 2 | 4 | 6 | 9.12 | 11 |
| 51-9120 | Painting Workers | 137 | 163 | 26 | 19.0 | 3 | 3 | 6 | n/a | n/a |
| 51-9121 | Coating, Painting & Spraying Machine Setters | 117 | 129 | 12 | 10.3 | 1 | 3 | 4 | 11.48 | 10 |
| 51-9190 | Miscellaneous Production Workers | 524 | 656 | 132 | 25.2 | 13 | 12 | 25 | n/a | n/a |
| 51-9198 | Helpers--Production Workers | 350 | 452 | 102 | 29.1 | 10 | 9 | 19 | 9.65 | 11 |

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

Buffalo Trace & Gateway Areas

Transportation & Material Moving Occs.

Occupational Employment Outlook and Job Openings

| Occupational | | Employment* | | Change | | Job Openings | | | Average Wage 2001 | Educ/ Training Req'd~ |
|--------------|--|-------------------|-------------------|---------------------|----------------------|--------------------------|-------------|-------|----------------------|-----------------------------|
| Code | Title | 2000 Estimated | 2010 Projected | 2000-2010 Number | 2000-2010 Percent | Average Annual 2000-2010 | | | | |
| | | | | | | Growth | Separations | Total | | |
| 53-0000 | Transportation and Material Moving Occupations | 4,446 | 5,353 | 907 | 20.4 | 91 | 108 | 199 | n/a | n/a |
| 53-1000 | Supervisors, Transp. & Material Moving Workers | 105 | 134 | 29 | 27.6 | 3 | 2 | 5 | n/a | n/a |
| 53-1021 | Supervisors of Helpers, Laborers | 41 | 50 | 9 | 22.0 | 1 | 1 | 2 | 17.85 | 8 |
| 53-1031 | Supervisors of Transportation & Material Moving | 60 | 80 | 20 | 33.3 | 2 | 1 | 3 | 14.25 | 8 |
| 53-2000 | Air Transportation Workers | * | * | * | * | * | * | * | n/a | n/a |
| 53-3000 | Motor Vehicle Operators | 1,521 | 1,865 | 344 | 22.6 | 34 | 24 | 58 | n/a | n/a |
| 53-3020 | Bus Drivers | 285 | 305 | 20 | 7.0 | 2 | 7 | 9 | n/a | n/a |
| 53-3022 | Bus Drivers, School | 275 | 288 | 13 | 4.7 | 1 | 7 | 8 | 10.69 | 11 |
| 53-3030 | Driver/Sales Workers and Truck Drivers | 1,069 | 1,314 | 245 | 22.9 | 25 | 15 | 40 | n/a | n/a |
| 53-3031 | Driver/Sales Workers | * | * | * | * | * | * | * | 10.08 | 11 |
| 53-3032 | Truck Drivers, Heavy and Tractor-Trailer | 598 | 784 | 186 | 31.1 | 19 | 8 | 27 | 12.00 | 10 |
| 53-3033 | Truck Drivers, Light or Delivery Services | 445 | 508 | 63 | 14.2 | 6 | 6 | 12 | 7.61 | 11 |
| 53-3041 | Taxi Drivers and Chauffeurs | 115 | 160 | 45 | 39.1 | 5 | 1 | 6 | 6.64 | 11 |
| 53-4000 | Rail Transportation Workers | * | * | * | * | * | * | * | n/a | n/a |
| 53-4011 | Locomotive Engineers | * | * | * | * | * | * | * | n/a | 11 |
| 53-4021 | Railroad Brake, Signal, and Switch Operators | * | * | * | * | * | * | * | n/a | 8 |
| 53-4031 | Railroad Conductors and Yardmasters | * | * | * | * | * | * | * | n/a | 8 |
| 53-5000 | Water Transportation Workers | 134 | 150 | 16 | 11.9 | 2 | 5 | 7 | n/a | n/a |
| 53-6000 | Other Transportation Workers | 44 | 62 | 18 | 40.9 | 2 | 2 | 4 | n/a | n/a |
| 53-7000 | Material Moving Workers | 2,602 | 3,107 | 505 | 19.4 | 51 | 74 | 125 | n/a | n/a |
| 53-7011 | Conveyor Operators and Tenders | 76 | 94 | 18 | 23.7 | 2 | 2 | 4 | 8.03 | 11 |
| 53-7051 | Industrial Truck and Tractor Operators | 379 | 456 | 77 | 20.3 | 8 | 5 | 13 | 9.85 | 11 |
| 53-7060 | Laborers and Material Movers, Hand | 2,024 | 2,415 | 391 | 19.3 | 39 | 62 | 101 | n/a | n/a |
| 53-7061 | Cleaners of Vehicles and Equipment | 40 | 51 | 11 | 27.5 | 1 | 2 | 3 | 6.83 | 11 |
| 53-7062 | Laborers, Freight, Stock & Material Movers, Hand | 924 | 1,075 | 151 | 16.3 | 15 | 31 | 46 | 8.57 | 11 |
| 53-7063 | Machine Feeders and Offbearers | * | * | * | * | * | * | * | 8.55 | 11 |
| 53-7064 | Packers and Packagers, Hand | 772 | 938 | 166 | 21.5 | 17 | 20 | 37 | 7.61 | 11 |

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

Educational Classifications

Occupations are classified into one of eleven categories listed according to these principles:

- An occupation is placed into the category that best describes the education or training needed by most workers to become fully qualified.
- Postsecondary awards, if generally needed for entry into the occupation, take precedence over work-related training even though additional skills or experience may be needed for a worker to become fully qualified.
- The length of time an average worker generally needs to become fully qualified through a combination of on-the-job training and experience is used to categorize occupations in which a post secondary award generally is needed for entry.

Postsecodary awards

(1) *First professional degree.* Completion of the degree usually requires at least 3 years of full-time academic study beyond a bachelor's degree.

(2) *Doctoral degree.* Completion of a Ph.D. or other doctoral degree usually requiries at least 3 years of full-time academic study beyond a bachelor's degree.

(3) *Master's degree.* Completion of the degree usually requires 1 or 2 years of full time academic study beyond a bachelor's degree.

(4) *Bachelor's degree.* Completion of the degree generally requires at least 4 years, but not more than 5 years, of full-time academic study.

(5) *Bachelor's or higher degree, plus work experience.* Most occupations in this category are management occupations. All require experience in a related non-management position for which a bachelor's or higher degree is usually required.

(6) *Associate degree.* Completion of the degree usually requires at least 2 years of full-time academic study.

(7) *Postsecondary vocational awards.* Some programs last only a few weeks while others may last more than a year. Programs lead to a certificate or other award, but not a degree.

Work-related training

(8) *Work experience in a related occupation.* Many occupations requiring work experience are first-line supervisors/managers of service, sales and related, production, or other occupations, or are management occupations.

(9) *Long-term on-the-job training.* More than 12 months on on-the-job training or combined work experience and formal classroom instruction are needed for workers to develop the skills necessary to be fully qualified. This category includes formal and informal apprenticeships that may last up to 5 years. Long-term on-the-job training also includes intensive occupation-specific, employer-sponsored programs that workers must successfully complete. These include fire and police academies and schools for air traffic controllers and flight attendants. In other occupations—insurance sales and securities sales, for example—trainees take formal courses, often provided on the job site, to prepare for the required licensing exams. Individuals undergoing training generally are considered to be employed in the occupation. Also included in this category is the development of a natural ability—such as that possessed by musicians, atheletes, actors, and other entertainers—that must be cultivated over several years, frequently in a nonwork setting.

(10) *Moderate-term on-the-job training.* Skills needed to be fully qualified can be acquired during 1 to 12 months of combined on-the-job experience and informal training.

(11) *Short-term on-the-job training.* Skills needed to be fully qulaified can be acquired during a short demonstration of job duties or during 1 month or less of on-the-job experience or instruction.

| Occupational Title | SOC Code | Page Number |
|--------------------|----------|-------------|
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--- A ---

| | | |
|---|---------|----|
| Accountants and Auditors | 13-2011 | 10 |
| Admin. Law Judge, Adjudicator & Hearing Officer | 23-1021 | 15 |
| Administrative Services Managers | 11-3011 | 9 |
| Advertising and Promotions Managers | 11-2011 | 9 |
| Advertising Sales Agents | 41-3011 | 24 |
| Advertising, Marketing, Promotions, PR & Sales | 11-2000 | 9 |
| Agricultural and Food Science Technicians | 19-4011 | 13 |
| Agricultural and Food Scientists | 19-1010 | 13 |
| Agricultural Engineers | 17-2021 | 12 |
| Agricultural Inspectors | 45-2011 | 27 |
| Agricultural Managers | 11-9010 | 9 |
| Agricultural Workers | 45-2000 | 27 |
| Agricultural Workers, All Other | 45-2099 | 27 |
| Air Transportation Workers | 53-2000 | 32 |
| Animal Care and Service Workers | 39-2000 | 23 |
| Animal Trainers | 39-2011 | 23 |
| Anthropologists and Archeologists | 19-3091 | 13 |
| Architects, Surveyors, and Cartographers | 17-1000 | 12 |
| Art and Design Workers | 27-1000 | 17 |
| Assemblers and Fabricators | 51-2000 | 30 |
| Assemblers and Fabricators, All Other | 51-2099 | 30 |
| Automotive Service Technicians and Mechanics | 49-3023 | 29 |
| Automotive Technicians and Repairers | 49-3020 | 29 |

--- B ---

| | | |
|--|---------|----|
| Bartenders | 35-3011 | 21 |
| Bill and Account Collectors | 43-3011 | 25 |
| Billing and Posting Clerks & Machine Operators | 43-3021 | 25 |
| Biological Scientists | 19-1020 | 13 |
| Bookkeeping, Accounting, and Auditing Clerks | 43-3031 | 25 |
| Building Cleaning and Pest Control Workers | 37-2000 | 22 |
| Building Cleaning Workers | 37-2010 | 22 |
| Bus Drivers | 53-3020 | 32 |
| Bus Drivers, School | 53-3022 | 32 |
| Bus, Truck Mechanics & Diesel Engine Spec. | 49-3031 | 29 |

| Occupational Title | SOC Code | Page Number |
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| | | |
|---|---------|----|
| Business Operations Specialists | 13-1000 | 10 |
| Business Operations Specialists, All Other | 13-1199 | 10 |
| Butchers and Meat Cutters | 51-3021 | 30 |
| Butchers, Meat, Poultry & Fish Processing Work. | 51-3020 | 30 |
| Buyers and Purchasing Agents | 13-1020 | 10 |

--- C ---

| | | |
|---|---------|----|
| Cabinetmakers and Bench Carpenters | 51-7010 | 31 |
| Cabinetmakers and Bench Carpenters | 51-7011 | 31 |
| Carpenters | 47-2031 | 28 |
| Cashiers | 41-2011 | 24 |
| Cement Masons and Concrete Finishers | 47-2051 | 28 |
| Chief Executives | 11-1011 | 9 |
| Child Care Workers | 39-9011 | 23 |
| Child, Family, and School Social Workers | 21-1021 | 14 |
| Civil Engineers | 17-2051 | 12 |
| Cleaners of Vehicles and Equipment | 53-7061 | 32 |
| Clinical Laboratory Technologists & Technicians | 29-2010 | 18 |
| Clinical, Counseling, and School Psychologists | 19-3031 | 13 |
| Coating, Painting & Spraying Machine Setters | 51-9121 | 31 |
| Coil Winders, Tapers, and Finishers | 51-2021 | 30 |
| Combined Food Prep. & Serving Workers | 35-3021 | 21 |
| Communications Equipment Operators | 43-2000 | 25 |
| Compensation, Benefits & Job Analysis Spec. | 13-1072 | 10 |
| Compliance Officer, Ex. Ag., Construction, Health | 13-1041 | 10 |
| Computer and Information Systems Managers | 11-3021 | 9 |
| Computer Control Programmers and Operators | 51-4010 | 30 |
| Computer Operators | 43-9011 | 26 |
| Computer Specialists | 15-1000 | 11 |
| Computer Support Specialists | 15-1041 | 11 |
| Computer-Controlled Mach. Tool Operators | 51-4011 | 30 |
| Conservation Scientists | 19-1031 | 13 |
| Conservation Scientists and Foresters | 19-1030 | 13 |
| Construction Equipment Operators | 47-2070 | 28 |
| Construction Laborers | 47-2061 | 28 |
| Construction Managers | 11-9021 | 9 |
| Construction Trades Workers | 47-2000 | 28 |
| Conveyor Operators and Tenders | 53-7011 | 32 |

| Occupational Title | SOC Code | Page Number |
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| Cooks | 35-2010 | 21 |
| Cooks and Food Preparation Workers | 35-2000 | 21 |
| Cooks, Institution and Cafeteria | 35-2012 | 21 |
| Cooks, Private Household | 35-2013 | 21 |
| Cooks, Restaurant | 35-2014 | 21 |
| Cooks, Short Order | 35-2015 | 21 |
| Cost Estimators | 13-1051 | 10 |
| Counselor, Social Worker & Other Community | 21-1000 | 14 |
| Counselors | 21-1010 | 14 |
| Counter and Rental Clerks | 41-2021 | 24 |
| Counter Attend., Cafeteria, Food Concession | 35-3022 | 21 |
| Counter, Rental Clerks & Parts Salespersons | 41-2020 | 24 |
| Crush, Grind, Polish, Mix & Blend Workers | 51-9020 | 31 |
| Crushing, Grinding & Polishing Machine Setter | 51-9021 | 31 |
| Customer Service Representatives | 43-4051 | 25 |
| Cutting, Punching & Press Machine Setters, Ops | 51-4031 | 30 |

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| | | |
|---|---------|----|
| Data Entry and Information Processing Workers | 43-9020 | 26 |
| Data Entry Keyers | 43-9021 | 26 |
| Designers | 27-1020 | 17 |
| Diagnostic Related Technologists & Technicians | 29-2030 | 18 |
| Dietitians and Nutritionists | 29-1031 | 18 |
| Dispatchers | 43-5030 | 25 |
| Drafters, Engineering & Mapping Tech., All Other | 17-3099 | 12 |
| Drafters, Engineering, and Mapping Technicians | 17-3000 | 12 |
| Drilling & Boring Machine Tool Setters, Operators | 51-4032 | 30 |
| Driver/Sales Workers | 53-3031 | 32 |
| Driver/Sales Workers and Truck Drivers | 53-3030 | 32 |

--- E ---

| | | |
|---|---------|----|
| Editors | 27-3041 | 17 |
| Education Admin., Elementary & Secondary | 11-9032 | 9 |
| Education Admin., Preschool, Child Care Center | 11-9031 | 9 |
| Education Administrators | 11-9030 | 9 |
| Educational, Vocational, and School Counselors | 21-1012 | 14 |
| Electrical & Electronic Equipment Mech., Install. | 49-2000 | 29 |

| Occupational Title | SOC Code | Page Number |
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| | | |
|---|---------|----|
| Electrical and Electronics Engineers | 17-2070 | 12 |
| Electrical Engineers | 17-2071 | 12 |
| Electrical Power-Line Installers and Repairers | 49-9051 | 29 |
| Electrical, Electronics & Electromech. Assemb. | 51-2020 | 30 |
| Electricians | 47-2111 | 28 |
| Electromechanical Equipment Assemblers | 51-2023 | 30 |
| Elementary and Middle School Teachers | 25-2020 | 16 |
| Elementary School Teachers, Ex. Special Ed. | 25-2021 | 16 |
| Engineering Managers | 11-9041 | 9 |
| Engineering Technicians, Except Drafters | 17-3020 | 12 |
| Engineers | 17-2000 | 12 |
| Entertain., Performers, Sports & Related Worker | 27-2000 | 17 |
| Entertainment Attendants and Related Workers | 39-3000 | 23 |
| Executive Secretaries & Administrative Assistants | 43-6011 | 26 |
| Extraction Workers | 47-5000 | 28 |
| Extruding & Drawing Machine Setter, Operator | 51-4021 | 30 |

--- F ---

| | | |
|---|---------|----|
| Farmers and Ranchers | 11-9012 | 9 |
| Farmworkers, Farm and Ranch Animals | 45-2093 | 27 |
| Fast Food and Counter Workers | 35-3020 | 21 |
| File Clerks | 43-4071 | 25 |
| Financial Clerks | 43-3000 | 25 |
| Financial Managers | 11-3031 | 9 |
| Financial Specialists | 13-2000 | 10 |
| Financial, Information & Record Clerks, All Other | 43-4999 | 25 |
| Fire Fighting and Prevention Workers | 33-2000 | 20 |
| Fishers and Related Fishing Workers | 45-3010 | 27 |
| Fishing and Hunting Workers | 45-3000 | 27 |
| Flight Attendants | 39-6031 | 23 |
| Food and Beverage Serving Workers | 35-3000 | 21 |
| Food Preparation Workers | 35-2021 | 21 |
| Food Processing Workers | 51-3000 | 30 |
| Food Service Managers | 11-9051 | 9 |
| Forest and Conservation Technicians | 19-4093 | 13 |
| Forest, Conservation, and Logging Workers | 45-4000 | 27 |
| Foresters | 19-1032 | 13 |
| Forming Machine Setter, Operator & Tender | 51-4020 | 30 |
| Funeral Service Workers | 39-4000 | 23 |

| Occupational Title | SOC Code | Page Number |
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--- G ---

| | | |
|---|---------|----|
| General and Operations Managers | 11-1021 | 9 |
| Grind, Lap, Polish & Buff Mach. Tool Setter | 51-4033 | 30 |
| Grounds Maintenance Workers | 37-3000 | 22 |
| Grounds Maintenance Workers | 37-3010 | 22 |

--- H ---

| | | |
|--|---------|----|
| Hairdressers, Hairstylists, and Cosmetologists | 39-5012 | 23 |
| Health and Safety Engineers, Ex. Mining Safety | 17-2111 | 12 |
| Health Diagnosing and Treating Practitioners | 29-1000 | 18 |
| Health Diagnosing, Treating Pract. Support Tech. | 29-2050 | 18 |
| Health Technologists and Technicians | 29-2000 | 18 |
| Heating, Air Conditioning & Refrigeration Mech. | 49-9021 | 29 |
| Heavy Vehicle & Mobile Equip. Service Tech. | 49-3040 | 29 |
| Helpers, Construction Trades | 47-3000 | 28 |
| Helpers--Installation, Maint. & Repair Workers | 49-9098 | 29 |
| Helpers--Production Workers | 51-9198 | 31 |
| Highway Maintenance Workers | 47-4051 | 28 |
| Home Health Aides | 31-1011 | 19 |
| Hotel, Motel, and Resort Desk Clerks | 43-4081 | 25 |
| Human Res. Assist., Ex. Payroll & Timekeeping | 43-4161 | 25 |
| Human Res., Training & Labor Relations Spec. | 13-1070 | 10 |
| Human Resources Managers | 11-3040 | 9 |

--- I ---

| | | |
|--|---------|----|
| Industrial Engineering Technicians | 17-3026 | 12 |
| Industrial Engineers | 17-2112 | 12 |
| Industrial Engineers, Including Health and Safety | 17-2110 | 12 |
| Industrial Machinery Installation, Repair & Maint. | 49-9040 | 29 |
| Industrial Machinery Mechanics | 49-9041 | 29 |
| Industrial Production Managers | 11-3051 | 9 |
| Industrial Truck and Tractor Operators | 53-7051 | 32 |
| Industrial-Organizational Psychologists | 19-3032 | 13 |

| Occupational Title | SOC Code | Page Number |
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|--|---------|----|
| Information and Record Clerks | 43-4000 | 25 |
| Inspector, Tester, Sorter, Sampler & Weigher | 51-9061 | 31 |
| Installation, Maint. & Repair Workers, All Other | 49-9099 | 29 |
| Instructional Coordinators | 25-9031 | 16 |
| Insurance Sales Agents | 41-3021 | 24 |
| Internists, General | 29-1063 | 18 |
| Interviewers, Except Eligibility and Loan | 43-4111 | 25 |

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| Janitors & Cleaners, Ex. Maids & Housekeeping | 37-2011 | 22 |
| Judges, Magistrates, and Other Judicial Workers | 23-1020 | 15 |

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| Kindergarten Teachers, Ex. Special Education | 25-2012 | 16 |
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| Laborers and Material Movers, Hand | 53-7060 | 32 |
| Laborers, Freight, Stock & Material Movers, Hand | 53-7062 | 32 |
| Landscaping and Groundskeeping Workers | 37-3011 | 22 |
| Lathe & Turning Machine Tool Setter, Operator | 51-4034 | 30 |
| Law Enforcement Workers | 33-3000 | 20 |
| Lawyers, Judges, and Related Workers | 23-1000 | 15 |
| Legal and Related Workers, All Other | 23-9099 | 15 |
| Legal Support Workers | 23-2000 | 15 |
| Librarians | 25-4021 | 16 |
| Librarians, Curators, and Archivists | 25-4000 | 16 |
| Library Assistants, Clerical | 43-4121 | 25 |
| Library Technicians | 25-4031 | 16 |
| Library, Museum, Training, Ed. Work, All Other | 25-9199 | 16 |
| Licensed Practical & Licensed Vocational Nurse | 29-2061 | 18 |
| Life Scientists | 19-1000 | 13 |
| Life, Physical, and Social Science Technicians | 19-4000 | 13 |
| Line Installers and Repairers | 49-9050 | 29 |

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| Loan Interviewers and Clerks | 43-4131 | 25 |
| Loan Officers | 13-2072 | 10 |
| Locomotive Engineers | 53-4011 | 32 |
| Lodging Managers | 11-9081 | 9 |
| Logging Equipment Operators | 45-4022 | 27 |
| Logging Workers | 45-4020 | 27 |

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| Machine Feeders and Offbearers | 53-7063 | 32 |
| Machine Tool Cutting Setter, Operator & Tender | 51-4030 | 30 |
| Machinists | 51-4041 | 30 |
| Maids and Housekeeping Cleaners | 37-2012 | 22 |
| Maintenance and Repair Workers, General | 49-9042 | 29 |
| Maintenance Workers, Machinery | 49-9043 | 29 |
| Managers, All Other | 11-9199 | 9 |
| Marketing and Sales Managers | 11-2020 | 9 |
| Marketing Managers | 11-2021 | 9 |
| Material Moving Workers | 53-7000 | 32 |
| Material Record, Schedule, Dispatch & Distribute | 43-5000 | 25 |
| Materials Engineers | 17-2131 | 12 |
| Mechanical Engineers | 17-2141 | 12 |
| Media and Communication Equipment Workers | 27-4000 | 17 |
| Media and Communication Workers | 27-3000 | 17 |
| Medical and Clinical Laboratory Technicians | 29-2012 | 18 |
| Medical and Clinical Laboratory Technologists | 29-2011 | 18 |
| Medical and Health Services Managers | 11-9111 | 9 |
| Medical and Public Health Social Workers | 21-1022 | 14 |
| Medical Assistants | 31-9092 | 19 |
| Medical Records & Health Information Tech. | 29-2071 | 18 |
| Medical Transcriptionists | 31-9094 | 19 |
| Metal Workers and Plastic Workers | 51-4000 | 30 |
| Meter Readers, Utilities | 43-5041 | 25 |
| Middle School Teachers, Ex. Special & Voc. Ed. | 25-2022 | 16 |
| Misc. Building, Grounds Cleaning & Maint. Work | 37-9000 | 22 |
| Misc. Community & Social Service Specialists | 21-1090 | 14 |
| Misc. Counselors, Social, & Religious Workers | 21-9000 | 14 |
| Misc. Installation, Maintenance & Repair Workers | 49-9090 | 29 |
| Misc. Life, Physical & Social Science Technicians | 19-4090 | 13 |

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| Miscellaneous Agricultural Workers | 45-2090 | 27 |
| Miscellaneous Assemblers and Fabricators | 51-2090 | 30 |
| Miscellaneous Electrical & Electronic Equipment | 49-2090 | 29 |
| Miscellaneous Healthcare Support Occupations | 31-9090 | 19 |
| Miscellaneous Legal & Related Workers | 23-9000 | 15 |
| Miscellaneous Legal Support Workers | 23-2090 | 15 |
| Miscellaneous Metalworkers & Plastic Workers | 51-4190 | 30 |
| Miscellaneous Production Workers | 51-9190 | 31 |
| Mobile Heavy Equip. Mechanics, Except Engines | 49-3042 | 29 |
| Motor Vehicle Operators | 53-3000 | 32 |
| Motorcycle Mechanics | 49-3052 | 29 |
| Musicians and Singers | 27-2042 | 17 |
| Musicians, Singers, and Related Workers | 27-2040 | 17 |

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| Network and Computer Systems Administrators | 15-1071 | 11 |
| News Analysts, Reporters and Correspondents | 27-3020 | 17 |
| Nonfarm Animal Caretakers | 39-2021 | 23 |
| Numerical Tool & Process Control Programmers | 51-4012 | 30 |
| Nursing Aides, Orderlies, and Attendants | 31-1012 | 19 |
| Nursing, Psychiatric, and Home Health Aides | 31-1000 | 19 |
| Nursing, Psychiatric, and Home Health Aides | 31-1010 | 19 |

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| Occupational Health, Safety Specialists & Tech. | 29-9010 | 18 |
| Occupational Therapists | 29-1122 | 18 |
| Occupational, Physical Therapist Assist. & Aides | 31-2000 | 19 |
| Office Clerks, General | 43-9061 | 26 |
| Operating Eng. & Other Const. Equip. Operators | 47-2073 | 28 |
| Operations Specialties Managers | 11-3000 | 9 |
| Order Clerks | 43-4151 | 25 |
| Other Construction and Related Workers | 47-4000 | 28 |
| Other Education, Training Library Occupations | 25-9000 | 16 |
| Other Farming, Fishing, and Forestry Workers | 45-9000 | 27 |
| Other Food Prep. and Serving Related Workers | 35-9000 | 21 |
| Other Healthcare Practitioners & Tech. Occs. | 29-9000 | 18 |

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| Other Healthcare Support Occupations | 31-9000 | 19 |
| Other Installation, Maintenance & Repair Occs | 49-9000 | 29 |
| Other Management Occupations | 11-9000 | 9 |
| Other Office & Administrative Support Workers | 43-9000 | 26 |
| Other Personal Care and Service Workers | 39-9000 | 23 |
| Other Production Occupations | 51-9000 | 31 |
| Other Protective Service Workers | 33-9000 | 20 |
| Other Sales and Related Workers | 41-9000 | 24 |
| Other Teachers and Instructors | 25-3000 | 16 |
| Other Transportation Workers | 53-6000 | 32 |

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| Packaging & Filling Machine Operator & Tender | 51-9111 | 31 |
| Packers and Packagers, Hand | 53-7064 | 32 |
| Painters, Construction and Maintenance | 47-2141 | 28 |
| Painting Workers | 51-9120 | 31 |
| Parts Salespersons | 41-2022 | 24 |
| Payroll and Timekeeping Clerks | 43-3051 | 25 |
| Personal and Home Care Aides | 39-9021 | 23 |
| Personal Appearance Workers | 39-5000 | 23 |
| Pharmacists | 29-1051 | 18 |
| Pharmacy Technicians | 29-2052 | 18 |
| Photographers | 27-4021 | 17 |
| Physical Scientists | 19-2000 | 13 |
| Physical Therapist Assistants | 31-2021 | 19 |
| Physician Assistants | 29-1071 | 18 |
| Physicians and Surgeons | 29-1060 | 18 |
| Pipelayers | 47-2151 | 28 |
| Pipelayers, Plumbers, Pipefitters & Steamfitters | 47-2150 | 28 |
| Plant and System Operators | 51-8000 | 31 |
| Plumbers, Pipefitters, and Steamfitters | 47-2152 | 28 |
| Police and Sheriff's Patrol Officers | 33-3051 | 20 |
| Police Officers | 33-3050 | 20 |
| Police, Fire, and Ambulance Dispatchers | 43-5031 | 25 |
| Postal Service Clerks | 43-5051 | 25 |
| Postal Service Mail Carriers | 43-5052 | 25 |
| Postal Service Mail Sorter, Processor | 43-5053 | 25 |

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| Postal Service Workers | 43-5050 | 25 |
| Postmasters and Mail Superintendents | 11-9131 | 9 |
| Postsecondary Teachers | 25-1000 | 16 |
| Prepress Technicians and Workers | 51-5022 | 30 |
| Preschool and Kindergarten Teachers | 25-2010 | 16 |
| Preschool Teachers, Except Special Education | 25-2011 | 16 |
| Primary, Secondary & Special Ed. Teachers | 25-2000 | 16 |
| Printers | 51-5020 | 30 |
| Printing Machine Operators | 51-5023 | 30 |
| Printing Workers | 51-5000 | 30 |
| Procurement Clerks | 43-3061 | 25 |
| Production, Planning, and Expediting Clerks | 43-5061 | 25 |
| Protective Service Workers, All Other | 33-9099 | 20 |
| Psychologists | 19-3030 | 13 |
| Public Relations Managers | 11-2031 | 9 |
| Public Relations Specialists | 27-3031 | 17 |
| Purchasing Agents, Ex. Wholesale, Retail & Farm | 13-1023 | 10 |
| Purchasing Managers | 11-3061 | 9 |

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| Radiologic Technologists and Technicians | 29-2034 | 18 |
| Rail Car Repairers | 49-3043 | 29 |
| Rail Transportation Workers | 53-4000 | 32 |
| Railroad Brake, Signal, and Switch Operators | 53-4021 | 32 |
| Railroad Conductors and Yardmasters | 53-4031 | 32 |
| Rail-Track Laying & Maint. Equip. Operators | 47-4061 | 28 |
| Real Estate Brokers and Sales Agents | 41-9020 | 24 |
| Receptionists and Information Clerks | 43-4171 | 25 |
| Recreation and Fitness Workers | 39-9030 | 23 |
| Recreation Workers | 39-9032 | 23 |
| Registered Nurses | 29-1111 | 18 |
| Religious Workers | 21-2000 | 14 |
| Reserv., Transport. Ticket Agents & Travel Clerk | 43-4181 | 25 |
| Residential Advisors | 39-9041 | 23 |
| Respiratory Therapists | 29-1126 | 18 |
| Retail Sales Workers | 41-2000 | 24 |
| Retail Salespersons | 41-2031 | 24 |

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| Sales Managers | 11-2022 | 9 |
| Sales Representatives, Services | 41-3000 | 24 |
| Sales Reps, Wholesale & Manuf., Ex. Technical | 41-4012 | 24 |
| Sales Reps, Wholesale and Manufacturing | 41-4000 | 24 |
| Sales Reps, Wholesale and Manufacturing | 41-4010 | 24 |
| Sawing Mach. Setter, Operator & Tender, Wood | 51-7041 | 31 |
| Sec. School Teacher, Ex. Special & Voc. Ed | 25-2031 | 16 |
| Secondary School Teachers | 25-2030 | 16 |
| Secretaries and Administrative Assistants | 43-6000 | 26 |
| Secretaries and Administrative Assistants | 43-6010 | 26 |
| Secretaries, Except Legal, Medical, and Executive | 43-6014 | 26 |
| Security Guards | 33-9032 | 20 |
| Septic Tank Servicers and Sewer Pipe Cleaners | 47-4071 | 28 |
| Sewing Machine Operators | 51-6031 | 30 |
| Sheet Metal Workers | 47-2211 | 28 |
| Shipping, Receiving, and Traffic Clerks | 43-5071 | 25 |
| Slaughterers and Meat Packers | 51-3023 | 30 |
| Small Engine Mechanics | 49-3050 | 29 |
| Social and Community Service Managers | 11-9151 | 9 |
| Social and Human Service Assistants | 21-1093 | 14 |
| Social Scientists and Related Workers | 19-3000 | 13 |
| Social Workers | 21-1020 | 14 |
| Special Ed. Teachers, Preschool to Elementary | 25-2041 | 16 |
| Special Education Teachers | 25-2040 | 16 |
| Special Education Teachers, Middle School | 25-2042 | 16 |
| Special Education Teachers, Secondary School | 25-2043 | 16 |
| Speech-Language Pathologists | 29-1127 | 18 |
| Stock Clerks and Order Fillers | 43-5081 | 25 |
| Supervisor, Build., Grounds Clean. & Maint. Work | 37-1000 | 22 |
| Supervisor, Farming, Fishing & Forestry Worker | 45-1000 | 27 |
| Supervisors of Construction Trades & Extraction | 47-1011 | 28 |
| Supervisors of Farming, Fishing & Forestry | 45-1011 | 27 |
| Supervisors of Food Preparation and Serving | 35-1012 | 21 |
| Supervisors of Helpers, Laborers | 53-1021 | 32 |
| Supervisors of Housekeeping and Janitors | 37-1011 | 22 |
| Supervisors of Install., Maint. & Repair Workers | 49-1000 | 29 |
| Supervisors of Landscaping, Lawn Service | 37-1012 | 22 |
| Supervisors of Mechanics, Installers | 49-1011 | 29 |

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| Supervisors of Non-Retail Sales Workers | 41-1012 | 24 |
| Supervisors of Office and Administrative | 43-1011 | 25 |
| Supervisors of Personal Service Workers | 39-1021 | 23 |
| Supervisors of Police and Detectives | 33-1012 | 20 |
| Supervisors of Production and Operating | 51-1011 | 30 |
| Supervisors of Retail Sales Workers | 41-1011 | 24 |
| Supervisors of Transportation & Material Moving | 53-1031 | 32 |
| Supervisors, Building and Grounds Cleaning | 37-1010 | 22 |
| Supervisors, Construction & Extraction Workers | 47-1000 | 28 |
| Supervisors, Food Prep. & Serving Workers | 35-1000 | 21 |
| Supervisors, Food Preparation and Serving | 35-1010 | 21 |
| Supervisors, Law Enforcement Workers | 33-1010 | 20 |
| Supervisors, Office & Admin. Support Workers | 43-1000 | 25 |
| Supervisors, Personal Care & Service Workers | 39-1000 | 23 |
| Supervisors, Production Workers | 51-1000 | 30 |
| Supervisors, Protective Service Workers | 33-1000 | 20 |
| Supervisors, Sales Workers | 41-1000 | 24 |
| Supervisors, Sales Workers | 41-1010 | 24 |
| Supervisors, Transp. & Material Moving Workers | 53-1000 | 32 |
| Surveying and Mapping Technicians | 17-3031 | 12 |
| Switchboard Operators, Inc. Answering Service | 43-2011 | 25 |

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| Taxi Drivers and Chauffeurs | 53-3041 | 32 |
| Teacher Assistants | 25-9041 | 16 |
| Teachers, Primary, Secondary & Adult, All Other | 25-3999 | 16 |
| Team Assemblers | 51-2092 | 30 |
| Telecommunications Line Installers & Repairers | 49-9052 | 29 |
| Telemarketers | 41-9041 | 24 |
| Tellers | 43-3071 | 25 |
| Textile Machine Setters, Operators, and Tenders | 51-6060 | 30 |
| Textile, Apparel, and Furnishings Workers | 51-6000 | 30 |
| Therapists | 29-1120 | 18 |
| Top Executives | 11-1000 | 9 |
| Training and Development Specialists | 13-1073 | 10 |
| Transportation, Storage & Distribution Managers | 11-3071 | 9 |
| Transportation, Tourism & Lodging Attendants | 39-6000 | 23 |
| Truck Drivers, Heavy and Tractor-Trailer | 53-3032 | 32 |
| Truck Drivers, Light or Delivery Services | 53-3033 | 32 |

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| Vehicle & Mobile Equipment Mechanic, Installer | 49-3000 | 29 |
| Vocational Ed. Teachers, Secondary School | 25-2032 | 16 |

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| Waiters and Waitresses | 35-3031 | 21 |
| Water Transportation Workers | 53-5000 | 32 |
| Water, Liquid Waste Treat. Plant & System Ops. | 51-8031 | 31 |
| Weigher, Measurer, Checker, Sampler, Records | 43-5111 | 25 |
| Welders, Cutters, Solderers, and Brazers | 51-4121 | 30 |
| Welding, Soldering, and Brazing Workers | 51-4120 | 30 |
| Woodworkers | 51-7000 | 31 |
| Woodworking Machine Setter, Operator & Tender | 51-7040 | 31 |
| Woodworking Machine Setter, Operator & Tender | 51-7042 | 31 |
| Word Processors and Typists | 43-9022 | 26 |
| Writers and Editors | 27-3040 | 17 |

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| Zoologists and Wildlife Biologists | 19-1023 | 13 |
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